CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Railway, Calif., Western Pacific R.R. Co. plans extension, $10,000,000.

Paper plant, Grande Baie, Que., Price Bros. making plans, $7,000,000.

Railway, Texas, Ft. Worth & Denver R.R. Co. making plans, $6,000,000.

Apartment and garage, Edgewater, Ill., C. F. Henry making plans, $5,500,000.

Oil pipe line, Texas, Gulf Pipe Line Co. making preliminary plans, $5,000,000.

University, Westwood, Calif., Southern Branch of the University of California having plans prepared. $3,000,000.

High School, New York, N. Y., W. H. Gompert soon takes bids, $3,000,000.

Bank and office, Davenport, Ia., Clausen, Kruse & Klein preparing plans and takes bids about Jan. 1, $2,000,000.

Stadium, Jersey City, N. J. Madison Square Garden making plans, $2,000,000.

Warehouse, Western Pacific R.R. Co. making plans, $2,000,000.

Office, St. Louis, Mo., Pacific R.R. Co. soon takes bids, $2,000,000.

Hotel, New York, N. Y., One Hundred Fifty Riverside Drive Corp. having plans prepared, $1,500,000.

Apartment, New York, N. Y., C. Galewski having plans prepared, $1,500,000.

Warehouse, New York, N. Y., A. J. Morgan having sketches made, $1,500,000.

Hotel, San Francisco, Calif., L. B. Ham having plans prepared, $1,500,000.

Club, St. Louis, Mo., Ozark Athletic Club having preliminary plans prepared, $1,500,000.

Hotel, Long Beach, Calif., Seaside Investment Co., having plans prepared, $1,500,000.

Bids Desired

Bridge, Clearwater, Fla., Dec. 7, by Comrs. Pinellas Co., $1,300,000.

Contracts

Subway, New York, N. Y., Bd. Transportation to Oakdale Contg. Co., $8,839,672.

Theatre and office, Chicago, Ill. Twenty-Three West Monroe Street Corp. to J. A. Holpuch Co., $5,000,000.

Office, loft and store, New York, N. Y., Park Avenue and 33rd Street Corp. to Schroeder & Koppel, $4,000,000.

Gas supply line and distributing systems, Texas, Texas Gas Co. to Williams Bros., $4,000,000.

Office and store, Chicago, Ill., syndicate, c/o O. J. Friedman, to Hegeman-Harris Co., $3,500,000.

Steam power plant, Weleetka, Okla., Oklahoma Power Co., to Myers Constr. Co., $2,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
Dec. 3	Brooklyn, N. Y.	Nov. 25
Dec. 3	New York, N. Y.	Nov. 25
Dec. 3	Cleveland, O.	Dec. 2
Dec. 6	Conneaut Lake, Pa. Adv. Dec. 2.	Dec. 2
Dec. 7	Spartanburg, S. C.	Nov. 18
Dec. 7	St. Louis, Mo.	Nov. 11
Dec. 7	Phila., Pa.	Dec. 2
Dec. 7	New York, N. Y.	Dec. 2
Dec. 7	Long Island City, N. Y.	Dec. 2
Dec. 8	Brainerd, Minn.	Dec. 2
Dec. 8	Trenton, N. J.	Dec. 2
Dec. 9	Newark, N. J. Adv. Nov. 18 to Dec. 2.	Nov. 25
Dec. 9	Gillett, Wis.	Dec. 2
Dec. 10	Greenburgh (Scarsdale P. O.), N. Y.	Dec. 2
Dec. 10	Hawthorne, N. J.	Nov. 18
Dec. 13	Dayton, O.	Dec. 2
Dec. 14	St. Louis, Mo.	Nov. 11
Dec. 14	Mount Airy, N. C.	Dec. 2
Dec. 15	Adams, N. Y. Adv. Nov. 25 and Dec. 2.	Nov. 25
Dec. 20	New Orleans, La. Adv. Oct. 21 to Dec. 2.	Oct. 21
Dec. 23	Waukegan, Ill.	Nov. 18
Dec. 23	Waukegan, Ill.	Nov. 25

Sewers

Dec. 4	Milwaukee, Wis.	Dec. 2
Dec. 6	Boston, Mass.	Dec. 2
Dec. 7	Jefferson City, Mo.	Dec. 2
Dec. 7	Princeton, N. J. Adv. Dec. 2.	Dec. 2
Dec. 7	Trenton, N. J.	Dec. 2
Dec. 8	Detroit, Mich.	Nov. 18
Dec. 8	Boston, Mass.	Dec. 2
Dec. 8	Phila., Pa.	Dec. 2
Dec. 8	New York, N. Y.	Dec. 2
Dec. 8	St. George, N. Y.	Dec. 2
Dec. 9	Ft. Wayne, Ind.	Dec. 2
Dec. 10	Louisville, Ky.	Nov. 11
Dec. 14	Boston, Mass.	Dec. 2
Dec. 14	Salina, Kan.	Dec. 2
Dec. 15	Grand Island, Neb. Adv. Nov. 25 and Dec. 2.	Nov. 25
Dec. 20	Los Angeles, Calif.	Dec. 2

Waste Disposal

Dec. 8	Ardmore, Pa. Adv. Nov. 18 to Dec. 2.	Nov. 18

Bridges

Dec. 3	Phila., Pa.	Dec. 2
Dec. 6	Malvern, Ark.	Nov. 25
Dec. 6	New Jersey	Nov. 25
Dec. 7	Dayton, O.	Nov. 18
Dec. 7	Phila., Pa.	Dec. 2
Dec. 7	Clearwater, Fla.	Dec. 2
Dec. 8	White Plains, N. Y.	Nov. 18
Dec. 8	Deschambault, Que.	Nov. 11
Dec. 15	Atlantic City, N. J. Adv. Nov. 25 and Dec. 2.	Nov. 25
Dec. 17	Fayetteville, Tenn.	Dec. 2
Dec. 17	Ft. Scott, Kan.	Dec. 2
Dec. 20	Two Rivers, Wis.	Nov. 25
Dec. 21	Hutchinson, Kan.	Dec. 2

Excavation, Drainage, Irrigation, Levees, River and Harbor

Dec. 6	New Orleans, La.	Nov. 25
Dec. 6	Gothenburg, Neb.	Dec. 2
Dec. 6	Fond du Lac, Wis.	Dec. 2
Dec. 7	Bay St. Louis, Miss.	Nov. 11
Dec. 7	Pineville, La.	Nov. 25
Dec. 10	Albert Lee, Minn.	Dec. 2
Dec. 12	Louisiana	Nov. 18
Dec. 14	La Mesa, Calif.	Dec. 2
Dec. 20	Bradenton, Fla.	Dec. 2

Streets and Roads

Dec. 3	Cincinnati, O.	Nov. 25
Dec. 3	New York, N. Y.	Nov. 25
Dec. 3	Boston, Mass.	Dec. 2
Dec. 6	Pineville, W. Va.	Nov. 25
Dec. 6	Okemah, Okla.	Nov. 25
Dec. 7	Gulfport, Miss.	Nov. 25
Dec. 7	Lebanon, Ind.	Nov. 25
Dec. 7	Crown Point, Ind.	Nov. 25
Dec. 7	Pennsylvania	Nov. 18
Dec. 7	Jackson, Miss.	Nov. 25
Dec. 7	Brooklyn, N. Y.	Dec. 2
Dec. 8	Jacksonville, Fla.	Dec. 2
Dec. 8	Brooklyn, N. Y.	Dec. 2
Dec. 8	New York, N. Y.	Dec. 2
Dec. 8	St. George, N. Y.	Dec. 2
Dec. 8	Anamosa, Ia.	Nov. 25
Dec. 8	Orlando, Fla.	Nov. 25
Dec. 8	Nevada	Dec. 2
Dec. 8	Napoleon, N. D.	Dec. 2
Dec. 8	Baltimore, Md.	Dec. 2
Dec. 10	Jacksonville, Fla.	Dec. 2
Dec. 13	San Diego, Calif.	Dec. 2
Dec. 13	California	Nov. 25
Dec. 13	Minnesota	Dec. 2
Dec. 14	Quincy (br. Boston), Mass.	Dec. 2
Dec. 14	Minnesota	Dec. 2
Dec. 14	Philippi, W. Va.	Dec. 2
Dec. 15	Oberlin, Kan.	Dec. 2
Dec. 16	Woodward, Okla.	Dec. 2
Dec. 16	Olathe, Kan.	Dec. 2
Dec. 16	North Carolina Adv. Dec. 2.	Dec. 2
Dec. 17	Tennessee	Nov. 4
Dec. 18	Montebello, Calif.	Dec. 2
Dec. 18	Hopatcong, N. J.	Dec. 2
Dec. 21	Washington	Dec. 2
Dec. 21	St. Louis, Mo.	Dec. 2
Dec. 28	Oswego, Kan.	Dec. 2
Jan. 7	Kentucky	Nov. 11

Buildings—Commercial

Bids close		*See Eng. News-Record*
Dec. 4	Columbus, O.	Dec. 2
Dec. 4	Phila., Pa.	Dec. 2
Dec. 5	Chicago, Ill.	Nov. 25
Dec. 6	Milwaukee, Wis.	Nov. 11
Dec. 14	Dayton, O.	Nov. 25
Dec. 15	New York, N. Y.	Nov. 4
Dec. 17	Hope, Ark.	Dec. 2
Jan. 1	Wash., D. C.	Oct. 7
Jan. 5	Marksville, La.	Dec. 2

Buildings—Industrial

Dec. 9	Akron, O.	Nov. 25
Jan. 1	Salem, O.	Sept. 30

Buildings—Educational, Religious

Dec. 6	Olathe, Kan.	Dec. 2
Dec. 7	Des Moines, Ia.	Dec. 2
Dec. 7	Swarthmore, Pa. Adv. Nov. 25 and Dec. 2.	Nov. 25
Dec. 7	Jamaica, N. Y.	Nov. 25
Dec. 7	Dartmouth, Mass.	Dec. 2
Dec. 7	Minneapolis, Minn.	Dec. 2
Dec. 8	San Francisco, Calif.	Nov. 25
Dec. 8	Newburgh, N. Y.	Dec. 2
Dec. 9	Racine, Wis.	Nov. 25
Dec. 10	New Orleans, La.	Dec. 2
Dec. 15	Tulsa, Okla.	Nov. 18
Dec. 15	Grosse Pointe (br. Detroit), Mich.	Nov. 25
Dec. 15	West Milwaukee (Milwaukee P. O.), Wis.	Dec. 2
Dec. 18	Franklin, Pa.	Nov. 25
Dec. 21	Springfield (Jamaica P. O.), N. Y.	Dec. 2
Dec. 21	Waterbury, Conn.	Dec. 2
Jan. 1	Wash., D. C.	Oct. 7
Jan. 3	L'Anse, Mich.	Nov. 11
Feb. 1	Wash., D. C.	Oct. 7

Federal Government Work

Dec. 3	Post Office—Southbridge, Mass.	Nov. 18
Dec. 3	Enlarging—Mishawaka, Ind.	Nov. 18
Dec. 4	Removing Dredge—New Jersey Adv. Nov. 11 to Dec. 2.	Nov. 11
Dec. 6	Unwatering Lock Chamber—Louisville, Ky. Adv. Nov. 11 to Dec. 2.	Nov. 11
Dec. 6	Pump—Jacksonville, Fla. Adv. Nov. 11 to Dec. 2.	Nov. 11
Dec. 6	Incinerator—Fort Thomas, Ky.	Nov. 25
Dec. 7	Earthwork—New Orleans, La.	Nov. 25
Dec. 7	Additional Story—Birmingham, Ala.	Nov. 18

See proposal advertising on page 165

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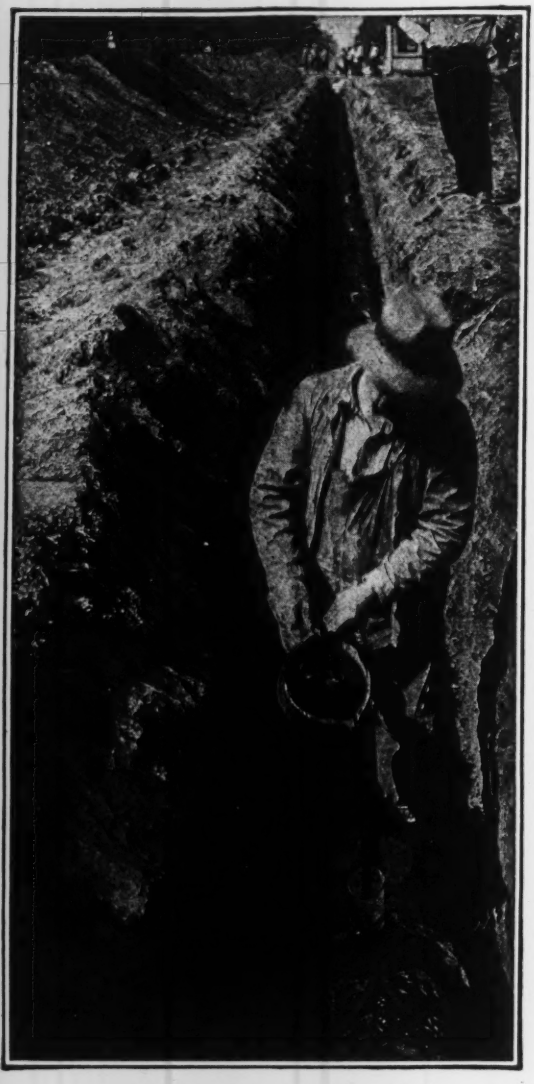
TRADE "LEADITE" MARK

Registered U. S. Pat. Office



Pouring LEADITE Joints on line of 12-in. c. i. bell and spigot water main.

Durable Pipe Joints

The wise man builds for the future. Supply lines and distribution systems are usually permanent installations.

Durability and quality should be the first consideration of the product used for making joints in cast iron bell and spigot water mains.

LEADITE is a good product and the leader in its field, because it has gained and retained the recognition, support and patronage of such a great number of water works men for so many years.

LEADITE has been tested and used for over 30 years, under all pressures and conditions, by water works, railroads, mines, contractors and industrial plants thruout the country.

Thousands of miles of pipe have been laid with LEADITE joints, on all sizes from 4 in. to 60 in. in diameter.

LEADITE takes the drudgery out of pipe laying; saves time, money and labor; makes flexible joints; makes joints which will stand vibration under tracks, over and under bridges; makes joints which resist electrolysis; eliminates large bell holes; reduces trench pumping and other work incidental to caulking—LEADITE requires no caulking.

Every water works man abreast of the times knows about LEADITE. LEADITE is an interesting and familiar topic at water works conventions and wherever water works men congregate.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe
Be Sure It Is LEADITE
and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
Dec. 7	Post Office—Branford, Conn.	Nov. 18
Dec. 8	Repairs—Port Aransas, Tex. Adv. Nov. 18 to Dec. 2.	Nov. 18
Dec. 8	Post Office, etc.—Fort Fairfield, Me.	Nov. 25
Dec. 10	Dwellings—Edgewood, Md. Adv. Nov. 18 to Dec. 2.	Nov. 18
Dec. 10	Dredging—Phila., Pa.	Dec. 2
Dec. 11	Pumping Units—Wash., D. C. Adv. Nov. 18 to Dec. 2.	Nov. 18
Dec. 13	Post Office—Sandpoint, Idaho	Dec. 2
Dec. 14	Post Office, etc.—Madison, Wis. Adv. Nov. 25 and Dec. 2.	Nov. 25
Dec. 15	Road—California	Oct. 28
Dec. 15	Water Piping—Wichita Falls, Tex.	Dec. 2
Dec. 15	Post Office—Cody, Wyo.	Dec. 2
Dec. 15	Post Office—Buffalo, Wyo.	Dec. 2
Dec. 15	Radio Towers—Fire Island (mail Babylon), N. Y.	Dec. 2
Dec. 19	Solarium—San Diego, Calif.	Dec. 2
Dec. 20	Jetty Repairs—Galveston, Tex. Adv. Nov. 25 and Dec. 2.	Nov. 25

Bids close		See Eng. News-Record
Dec. 26	Piping—Richmond, Va.	Dec. 2
Dec. 28	Canal—Easton, Wash.	Nov. 18
Dec. 28	Waterproofing—Sheridan, Wyo.	Dec. 2
Dec. 28	Quarters—Oteen, N. C. Adv. Dec. 2.	Dec. 2
Jan. 14	Extension—Missoula, Mont.	Dec. 2
Jan. 19	Pier—Pearl Harbor, T. H.	Dec. 2

Unclassified

Dec. 3	Elevated Line—Brooklyn, N. Y.	Nov. 25
Dec. 3	Subway—New York, N. Y.	Nov. 25
Dec. 6	Asphalt Paving Unit—New York, N. Y.	Dec. 2
Dec. 7	Airplane Hangar—St. Paul, Minn.	Dec. 2
Dec. 8	Refrigerating Plant—Middletown, N. Y.	Nov. 18
Dec. 8	Platform, etc.—New York, N. Y.	Dec. 2
Dec. 8	Comfort Station—Brooklyn, N. Y.	Dec. 8
Dec. 9	Lighting System—Oakland, Calif.	Nov. 18
Dec. 10	Siphon—Oakland, Calif.	Nov. 11
Dec. 10	Elevator—Brooklyn, N. Y.	Dec. 2

Bids close		See Eng. News-Record
Dec. 14	Street Lighting System — St. Louis, Mo.	Nov. 25
Dec. 15	Wharf—Nassau, Bahamas	Nov. 18

Materials

Dec. 6	Lumber—Atlantic, Ia.	Nov. 25
Dec. 6	Bridge Timber—Creston, Ia.	Nov. 25
Dec. 6	Brick—Franklin, Pa.	Nov. 25
Dec. 6	Joint Bars, Trackbolt, etc. Phila., Pa.	Dec. 2
Dec. 6	Bridge Lumber—Atlantic, Ia.	Dec. 2
Dec. 7	Lumber—Decorah, Ia.	Dec. 2
Dec. 7	Culvert Pipe—Washington, Ia.	Dec. 2
Dec. 7	Pipe Covering—Indianapolis, Ind.	Dec. 2
Dec. 7	Insulated Cable, etc.—South Boston (sta. Boston), Mass.	Dec. 2
Dec. 7	Gravel—Louisiana	Nov. 25
Dec. 7	Bridge Timber—Audubon, Ia.	Nov. 18
Dec. 8	Ties—San Francisco, Calif.	Dec. 2
Dec. 14	Cable, etc.—Wellington, New Zealand	Nov. 18
Dec. 14	Lumber, etc.—Leon, Ia.	Dec. 2
Dec. 15	Lumber—South Boston (sta. Boston), Mass.	Dec. 2

News of New Work

Waterworks

Proposed Work

Conn., Bristol—Bd. Water Comrs. plans 3,850 ft. mains in Farmington Ave.; 8 in. mains Morris, Columbus, Fanway, Collier, Missal, John and Adeline Aves., Vincent, Walnut, Arlington and Barbara Rds.; 2 in. mains in Dorothy and Tolland Rds.; also 6 and 8 in. mains in Brewster and Edgewood. $25,000 or more. G. W. Buell, 175 Main St., city engr.

Conn., Meriden — Making preliminary surveys filtration plant at Broad Brook Reservoir. $100,000. Norwood Eng. Co., Florence, Mass., engrs. C. P. Prann, city engr. Noted Nov. 4.

N. C., Burlington—Plans election $100,000 bonds, water works improvements, incl. masonry dam, flowage rights, etc. A. C. Linberg, Burlington, consult. engr. Noted Nov. 18.

N. C., Newton—Takes bids after Jan. 1, waterworks improvements, incl. intake dam (sheet piling required for construction), pump house, centrifugal pumps, power transmission line, 2½ mi. 12 in. c.i. pipe with necessary fittings. Spoon, Lewis & Camp, Greensboro, and 704-5 Flat Iron Bldg., Asheville, consult. engrs.

Fla., St. Petersburg — E. Kitchen, dir. Pub. Serv., c/o J. O. Spencer, city engr., making preliminary plans water softener system. $200,000.

Miss., Jackson — Voted $250,000 bonds, waterworks improvements. A. J. Johnson, city clk. Noted Nov. 4.

La., Olla—Voted $22,000 bonds, waterworks, distribution system and sewers in various streets. F. P. Joseph, Glenmore, engr.

Minn., Cloquet—Northwestern Paper Co. making plans improving 5 m.g.d. (river or surface) water supply. W. G. Kirchoffer, Dean Bldg., Madison, engr.

Kan., Olathe—Making plans impounding reservoir. $30,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Kan., Spring Hill—Making plans waterworks improvements. $35,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Mo., St. Louis—City Water Dept. making preliminary plans four 275 x 600 ft. rein.-con. reservoir covers for Bissells Point Water Sta.; and one 407 x 502 ft. for Baden Pumping Sta. $600,000. J. Pritchard, City Hall, dir.

Tex., Abilene—Election Dec. 20, $600,000 bonds, waterworks improvements, incl. reservoir Cedar, pipes and connections. C. A. Coombes, mayor.

Tex., Fredericksburg — A. C. Kellersberger and associates, c/o Gillespie Co. Comn., plan complete waterworks. $40,000. Private plans.

Tex., San Antonio—See "Unclassified."

Okla., Edmond—Made preliminary plans extending 11,000 ft. 6 in. c.i. mains in Boulevard and Campbell Sts. $18,000. Peckham & James, 227 West Grand St., Oklahoma City, engrs.

Okla., Shawnee—Voted $586,500 bonds, new water supply system, incl. wells, pumps, main extensions, etc. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs. Noted Nov. 18.

N. M., Magdalena—Voted $45,000 bonds, complete waterworks, probably gravity system. F. L. Hammond, mayor. Engineer not selected.

Nev., Lovelock—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Ore., Reedsport—Making plans 1 m.g. reservoir and laying pipe line under river. $25,000. Barr & Cunningham, Spalding Bldg., Portland, engrs.

Calif., Alhambra — Making plans deep well turbine pump, 1½ mi. main pipe line, 1 m.g. concrete reservoir, booster pump, etc. T. B. Downer, city water supt.

Calif., Chowchilla—Election Dec. 15, $25,000 bonds, purchase present privately owned water system or construct new system. Noted Sept. 30.

Calif., Fairfield—Solano Co. made plans Vallejo Annex Water System, 2",050 lin.ft. trench and backfill, 18,500 ft. repair pavement, 22,050 lin.ft. 4- to 8-in. c.i. pipe, 20,000 lb. iron castings, etc. F. A. Steiger, Fairfield, co. surv.

Calif., Kingsburg — Plans to purchase 1,150 ft. 4 in. and 845 ft. 6 in. standard black dipped pipe, fire hydrants, valves, etc., in connection with municipal water system. C. R. Magnuson, city clk.

Calif., Los Banos — Plans extending water system to sections not now served. $50,000.

Calif., Monrovia—Voted $35,000 bonds, additional water supply units, incl. structures, pipe lines, etc. L. P. Black, city clk.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Calif., Monterey Park — Plans election $180,000 bonds, water system improvements. A. W. Langley, city clk.

Que., Lachine—Metropolitan Comn. City Hall, Montreal authorized issue of loan of $300,000 to city of Lachine, for construction water filtration plant, here. Noted May 6.

B. C., Nanaimo—Plans new pipe line and extending waterworks. $160,000. F. M. Sharp, City Hall, engr.

Bids Desired

N. Y., Greenburgh (Scarsdale P. O.)—Dec. 10, by Bd. Water Comrs. Greenville Water Dist., Greenville Fire House, Scarsdale, Diesel engine, centrifugal pumps, air tanks, etc. J. N. Heeney, engr.

N. Y., Long Island City—Dec. 7, by N. J. Hayes, comr. water Supply. Gas & Electricity, Municipal Bldg., New York City, 30 in. steel mains in Luke Pl., Springfield Blvd., 56th Ave., etc., here.

N. Y., New York—Dec. 7, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Fordham Rd., Park, East 3rd, Mosholu Aves., etc.

N. J., Trenton—Dec. 8, by C. N. Keathem, archt., State Bldg., and underground steam mains, water lines for 6 doctors' cottages at State Hospital, for Bd. Institutions & Agencies. $20,000.

Pa., Conneaut Lake—Dec. 6, by Boro. Council, 20,000 gal. wooden water tank with appurtenances and control apparatus connecting with pumping station. Hill & Hill, Marine Bank Bldg., Erie, engrs.; adv. E. N.-R. Dec. 2.

Pa., Phila.—Dec. 7, by Dept. Pub. Wks., Bureau of Water, 90 filter entrance ramps in slow sand filters for various plants, Contr. 856; also hotwater heating and plumbing for Torresdale High Service Sta., Contrs. 857 and 858 respectively.

N. C., Mount Airy—Dec. 14, by W. G. Sydnor, mayor, brick and concrete pumping station, filter house and filter tubes, concrete coagulating basin, concrete storage reservoir, filter plant equipment, steel wash water tank and tower, motor driven centrifugal pump and accessories, and 3 mi. 14 in. pipe line. Gilbert C. White Co., Durham, engrs.

O., Cleveland—Dec. 3, by City, screen equipment, water racks, and vacuum heating pumps for Kirtland Pumping Station.

O., Dayton—Dec. 13, by Dept. Pub. Welfare, Columbus, J. E. Harper, dir., water softening plant, 3,000 g.p.d., for State Hospital, here. $25,000. Dept. Engineers, Oak and 9th Sts., Columbus, engrs.

Wis., Gillett — Dec. 9, by P. Niggaard, village clk., sixty ¾ in. water meters with ¾ in. connections. P. L. Clark, Menasha, engr.

Ia., Winterset — Burns & McDonnell, engrs., Interstate Bldg., Kansas City, Mo., taking bids 250 g.p.m. pump against 400 ft. head, here, for City.

Minn., Brainerd—Dec. 8, by J. D. McKenzie, city clk., furnishing and installing or furnishing equipment only for high service unit, and 2 raw water units with motor and engine drive; also 1 clear water unit. L. P. Wolff, 903 Globe Bldg., St. Paul, engr.

Neb., McCook—Dec. 13 (extended date), by G. F. Moss, city clk., wells, tanks, pumps and approximately ½ mi. pipe line in various streets. $45,000. Bruce & Grupe, 710 Bankers Reserve Bldg., Omaha, engrs. Noted Nov. 25.

Calif., Los Angeles—City Water & Power Comn. taking bids 1,197 ft. 24 in. Class "B" and 550 ft. 12 in. Class "C" pipe (approximately 1,750 tons), Spec. 798-C.

Bids Received

N. Y., St. George — B. S. Coler, comr. Dept. Pub. Wks., Municipal Bldg., New York City, Nov. 23, erecting and equipping emergency pumping station power house at Sea View Hospital, here, from L. C. Smith, 1475 Bway., New York City, $22,365. Noted Nov. 18.

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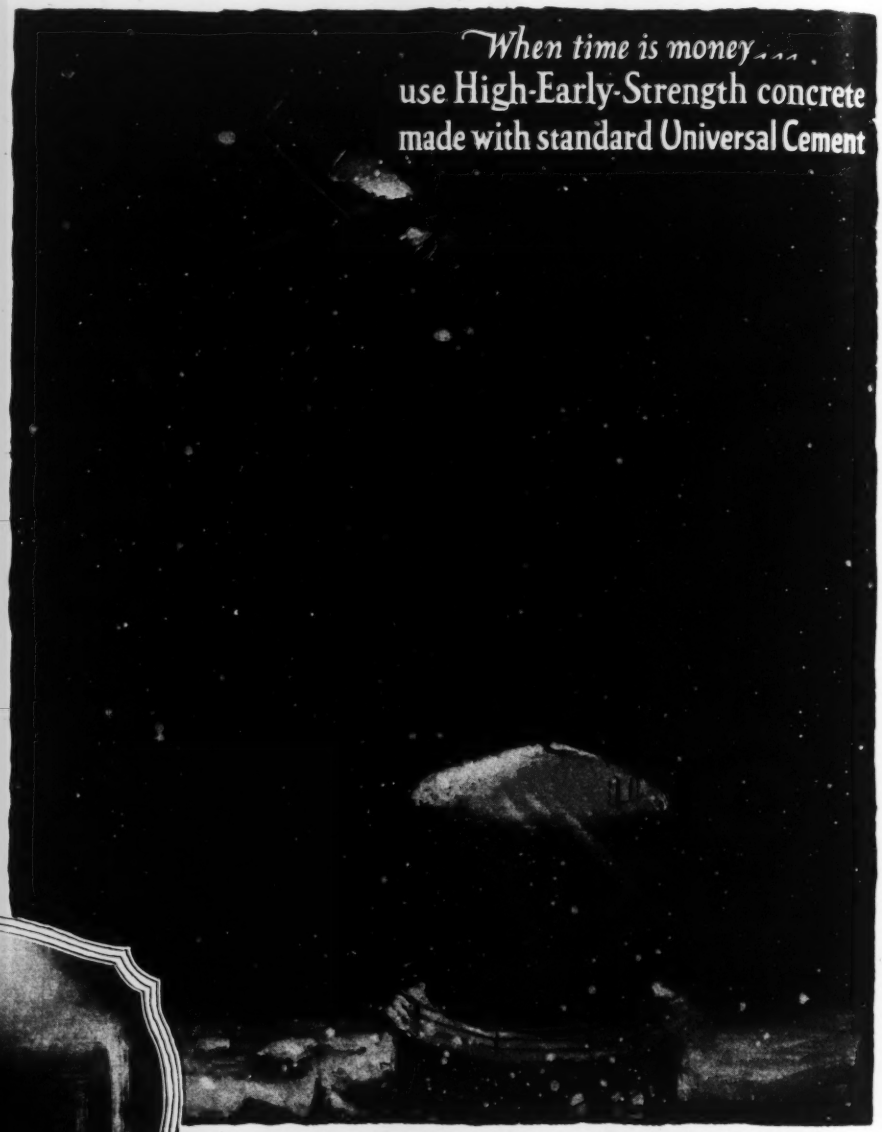

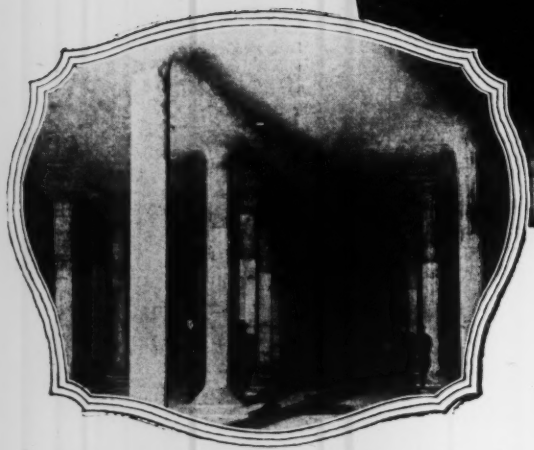

Water Tank, Boonville, Ind. Cold-weather construction facilitated by High-Early-Strength ***Universal*** concrete. Standard ***Universal*** (not special) cement used by Roth Construction Co., Boonville.

Cold Weather No Obstacle On This Job!

Winter concreting, always practicable, is made more feasible than ever by High-Early-Strength concrete.

In this way, a water tank and pumphouse at Boonville, Ind., was built and placed in service before work ordinarily would have been started.

By keeping aggregates warm and the structure protected, and by using High-Early-Strength *Universal* concrete, the builder shortened the period of protection from freezing, hastened removal of forms and finished the job weeks earlier than is usual.

High-Early-Strength concrete made by using special methods and standard *Universal* (not special) cement furnished at the usual price gives not only speed but also permanently better and stronger concrete. The accompanying coupon will bring full details.

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago.

Without obligation, please send me detailed information on methods for securing strong Concrete in *3 days* with standard *Universal* [not special] cement, the same quality *Universal* regularly used.

Name .....

Address .....

ENR 12-2

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

O., Cleveland — Comrs. Cuyahoga Co., Nov. 17, 6,000 ft. 6- and 12-in. c.i. mains in Dover Center Rd., from Kassouf & Co., 2600 Althen Ave., $25,873; 11,000 ft. 6- and 8-in. in Lincoln Ave., East 143rd and East 145th Sts., from Winterbottom Connelly Co., 1400 West 25th St., $27,788; also 1,600 ft. 8- and 12-in. Westwood Ave., from W. B. Smith, 1350 West 89th St., $7,974. Noted Nov. 11.

Minn., St. Paul — A. E. Eggert, city purch. agt., Nov. 16, 60,000 ft. seamless copper tubing for Water Dept., from Crane Co., 5th St.-Bway., $0.1477 per ft., total $8,862. Noted Nov. 11.

Calif., Los Angeles — City Purchasing Agent, 1,110 ft. 6 in. B. & S. Matheson or equal steel pipe, from Grinnell Co. of Pacific, 520 Mateo St. $59.50; 6,400 ft. 8 in., from Crane Co., 321 East 3rd St. $84.30; and 10,850 ft. 4 in. standard black screw pipe, from Santa Fe Pipe & Supply Co., 1376 Willow St., $49.35, all above f.o.b. Griffith Park.

Contracts Awarded

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Jamaica Bay and Woodhaven Blvds., here, to P. F. Connolly Co., 9 Jackson Ave., $334,900. Noted Nov. 18.

N. Y., St. George — B. S. Coler, comr. Dept. Pub. Wks., Municipal Bldg New York City, erecting and equipping emergency pumping station power house at Sea View Hospital, here, to L. C. Smith, 1475 Bway., New York City, $22,365. Noted Nov. 18.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, Contr. 839, to Dravo-Doyle Co., Schaff Bldg., $5,960; Contr. 840, to Acme Machine Co., 316 North 17th St., $11,374; Contr. 849, to N. Trotter & Co., 36 North Front St., $4,118; Contr. 850, to Pitometer Co., 50 Church St., New York City, N. Y., $63,650; Contr. 851, to Phila. Gear Wks., Richmond and Tioga Sts., $3,640; and Contr. 854, to W. Lintz, 8014 Cottage St., $1,989. Grand total $90,731. Noted Nov. 18.

Md., Baltimore—Bd. Awards, furnishing, delivering and erecting pumping equipment at Hillen Pumping Station, also furnishing and delivering pumping equipment to Montebello Filtration plant, to De Laval Steam Turbine Co., North Clinton St. and Pennsylvania R.R. tracks, Trenton, N. J., $22,825. Noted Nov. 4.

N. C., Lincolnton—G. G. Rudisill, mayor, and City Council, filtration plant, 2 motor driven raw water pumps, 1 gas engine driven fire pump, and 30,000 gal. wash tank, general contract to A. H. Guion & Co., Gastonia, $25,000 upward.

Fla., St. Petersburg—See "Unclassified."

Miss., Pascagoula—For 67,000 ft. 6 and 8 in. American c.i. mains, Watturs hydrants, Kennedy valves, etc. in various streets, to C. J. Montgomery, Kaplan, La. Noted May 20.

Ind., Hammond—Mains in Hessville and Hartman Gardens, Nedjt and Schumakers addition, P. W. Meyn 1st addition, Midway Gardens addition, and Ogden addition, to Public Constr. Co., Hammond, $39,474.

Ill., Chicago — Dept. Pub. Wks., Room 406, City Hall, 200 tons standard special c.i. or 3- to 24-in. water pipe at various pipe yards, to Amer. Cast Iron Pipe Co., 38 South Dearborn St., Chicago, $16,010 by rail, or $20,010 by truck.

Ill., Glenview—For 6- to 12-in. c.i. mains in various streets, to Merkle Constr. Co., 504 Davidson Bldg., Kansas City, Mo., $43,000.

Tex., Victoria—Two 100 hp. tube boilers, to Briggs-Weaver Mchy. Co., 307 North Market St., Dallas, $11,080; and circular rein.-con. smokestack, to Weber Chimney Co., 332 South Michigan Ave., Chicago, Ill., $1,800. Rejected bids oil and gas engines. Noted Oct. 21.

Colo., Denver—D. J. Blackburn, purch. agt. Bd. Water Comrs., 1509 Cleveland Pl., motor driven centrifugal pump, f.o.b. Denver, to Stearns-Roger Mfg. Co., 1720 California St., $7,354; and electrical equipment for above, to General Electric Co., Security Bldg., $14,925. Noted Nov. 11.

N. M., Melrose—Devlin Eng. Co., engrs., 127 Central Bldg., Amarillo, Tex., improving waterworks, incl. tank and tower, 200,000 ft. distribution system, etc., here, to R. Irick, Plainview, Tex., $45,001. Noted Oct. 7.

Wash., Seattle—Bd. Pub. Wks., 22,680 lin ft. centrifugal mains, etc. in 11th Ave. S., to Interstate Constr. Co., 1713 22nd St. S., $67,317. Noted Nov. 18.

Sewers

Proposed Work

N. C., Newton—Takes bids after Jan. 1, extending sewerage system approximately 3 mi. vitr. clay pipe, and disposal plant. Spoon, Lewis & Camp, Greensboro and 704-5 Flat Iron Bldg., Asheville, consult. engrs.

Miss., Jackson—See "Unclassified."

Miss., Jackson—Voted $225,000 bonds, sewers in various streets. A. J. Johnson, city clk. Noted Nov. 4.

O., Oxford—Making plans sewage disposal plant. $47,000. G. B. Gascoigne, 14755 Drexmore Rd., Cleveland, engr.

Mich., Detroit—Made plans 19,530 ft. concrete or brick sewers in West End, Witt, Marlborough, and Piper and Lenox Aves. P. A. Fellows, city engr.

Mich., Farmington—Wayne Co. (Detroit) and Oakland Co. (Pontiac) making preliminary plans 10,000 ft. 5 to 7 ft. concrete drain known as Tarabusi Drain from west of here in Oakland Co. across Grand River to River Rouge. $500,000. G. H. Ruhling Co., 16549 Woodward Ave., Detroit, engr.

Ill., Springfield — Springfield Sanitary Dist. takes bids in early spring sewage treatment plant, activated sludge system, etc. $750,000. W. B. Walraven, 1601 Noble Ave., Springfield, engrs. Pearse, Greeley & Hansen, 6 North Michigan Blvd., Chicago, consult. engrs. Noted Jan. 14.

Ia., Sidney—Takes bids about Apr. 1, 40,000 ft. 8- to 15-in. sewers in various streets, incl. inlets, manholes, sewage disposal plant, etc. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Minn., St. Paul — City authorized constructing Belt Line-Phelan Park Sewer Extension 2. $30,000. G. M. Shepard, city engr.

Kan., Spring Hill—Making surveys sewers in various streets. $40,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

S. D., Huron—Election in spring to vote bonds, constructing main outfall sewer. Burns & McDonnell, 402 Interstate Bldg., Kansas City, Mo., engrs. Noted Nov. 18.

Mo., Kansas City—Making plans sanitary sewers in Dist. 475, Div. 5. $30,000. R. Waddell, city engr.

Tex., Abilene—Election Dec. 20, $50,000 bonds sewers in various streets. C. E. Coombes, mayor.

Tex., Mercedes — Election soon $75,000 bonds, complete sewerage system, probably include disposal plant. W. E. Anderson, San Benito, engr. Noted Sept. 9.

Tex., San Antonio—Voted $400,000 bonds, storm sewers in various streets; $200,000 bonds, sanitary sewers, etc. outlaying and business districts; also $150,000 bonds, improving sewage disposal plant, Mitchell Lake. I. Ewig, city engr. Noted Oct. 28.

Okla., Pondercek—Voted $50,000 bonds, new sewers in all streets. Long & Co., Colcord Bldg., Oklahoma City, engrs. Noted Nov. 11.

Okla., Shidler—Made preliminary plans sewage disposal plant, and 10,500 ft. 6- to 12-in. vitr. clay sewer, etc., in various streets. $45,000. W. I. Broadus, mayor. Engineer not selected.

N. M., Alamogordo — Making surveys sewerage system and sewage treatment plant. $60,000 assessment. H. G. Olmstead, 2230 West 18th St., Oklahoma City, Okla., consult. engrs.

Calif., Los Angeles — Plans 8- to 24-in. cement and vitr. sewer in Doheny Dr., La Cienega and Robertson Blvds., La Cienega Blvd. and Cadillac Ave. Sewer Dist., to exceed $25,000; also 8 in. vitr. sewer in portions Veteran and Midvale Aves., etc., to exceed $25,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Made plans 10,865 ft. 6 in. house connections, 514 ft. 24 in. cement, and 17,346 ft. 8- to 21-in. sewers, etc. in Mar Vista Ave.; also 7,953 ft. 8 in. vitr. sewer and 6,658 ft. 6 in. house connections, etc. in Seneca Ave. and Appleton Sewer Dist. J. C. Shaw, City Hall, engr.

Calif., Sacramento—Rejected bids 1st unit sewerage system, 3,780 lin.ft. excav., 3,627 cwt. reinforcing, 5,020 cu.yd. concrete, etc.

Calif., San Bernardino—Election soon, $600,000 bonds, outfall sewer and disposal plant. Burns & McDonnell Eng. Co., 400 Interstate Bldg., Kansas City, Mo., engrs. Noted Nov. 18.

Que., Hampstead — See "Streets and Roads."

Ont., Toronto—East York Twp. plans 8 in. and up vitr. tile sewers in Dawes Rd., Minton Pl., Don Valley Dr., Floyd and woodville Aves. $30,000. G. R. Jack, 443 Sammon Ave., engr.

Ont., Toronto—York Twp. plans 3,450 ft. vitr. tile and concrete sewers in Jane St., East Dr., Outlook, Grandville, and Lambton Aves., $50,785. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto—Plans vitr. tile sewers in Whitehall and Weston Roads, 4 lanes. Hagar and Cedarvale Aves. $40,085. R. C. Harris, City Hall, engr.

Bids Desired

Mass., Boston — Dec. 6, by Dept. Pub. Wks., sewerage works in various streets in Dorchester; Dec. 8 and 14, various streets in West Roxbury. J. H. Sullivan, comr.

Mass., Woburn—Taking bids sewers in Aberjona Valley. To exceed $25,000. McClintock & Woodfall, 14 Beacon St., Boston, engrs.

N. Y., New York—Dec. 8 ,by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewers in Wallace, Barnes, Arnow, Allerton, Palding, Randall and St. Paul Aves.

N. Y., St. George—Dec. 8, by J. Lynch, pres. Richmond Boro, Boro Hall, additional electric pump at Mersereau Avenue Sewage Pumping Station.

N. J., Princeton—Dec. 7, at office Hamilton Twp. Com., Greenwood School Bldg., Greenwood Ave., for "Barricklo Street Drain." C. S. Sincerbeaux, c/o Sincerbeaux, Moore & Shinn, 705 American Mechanic Bldg., Princeton, twp. engr.; adv. E. N.-R. Dec. 2. Noted Nov. 18.

N. J., Trenton—Dec. 7, by Hamilton Twp. Com., 2 mi. drain along Shady Brook. $50,000. C. S. Sincerbeaux, Mechanic Bldg., engr.

Pa., Phila.—Dec. 8, by Dept. Pub. Wks., Bureau of Engineering, constructing main sewers in Monastery Ave., St. Vincent and Jannette Sts.; also extending main sewer in Sandy Run westward from Roosevelt Blvd. G. H. Biles, dir.

Fla., Stuart—See "Streets and Roads."

Ind., Ft. Wayne,— Dec. 9, by O. M. Darling, supt., Room 207, Farmers Trust Bldg., constructing G. A. Thomas et al Drain, 7,844 lin.ft. 12- to 30-in. pipe, 2,981 cu.yd. open excav., etc. $41,175.

Wis., Milwaukee—Dec. 4, by Dept. Pub. Wks., R. E. Stoelting, comr., 11,867 ft. 8- to 36-in. concrete sewers in 9 streets. J. Schwada, city engr.

Kan., Salina—Dec. 14, by C. E. Banker, city clk., sewage disposal plant, incl. pumping station, sewage treatment plant, manhole, pumps, screens, piping, valves, settling tank, 10,455 ft. 20 in. force mains, etc. Haskins & Crawford, 822 Finance Bldg., Kansas City, Mo., engrs. Noted Oct. 21.

Neb., Gothenburg — See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Mo., Jefferson City — Dec. 7, by C. B. Steers, city clk., extending and improving sewerage system. $187,000. Former bids rejected. Black & Veatch, 701 Mutual Bldg., Kansas City, engrs. Noted Nov. 18.

Calif., Los Angeles—Dec. 20, by Bd. Pub. Wks., constructing Sect. 27 North Outfall Sewer. J. C. Shaw, City Hall, engr.

Bids Received

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Nov. 24, branch sewers in Comly St., from Vattieri & Pontarelli, 523 Rising Sun Ave. $8,059. Island St., from Sabatini & Vallone, 1720 South Chadwick St. $2,959. Stiles St., from F. DiPasquale, 1215 South 7th St. $3,854. 6th St., from F. T. Buckins, Jr., 4050 Kensington St. $1,416; and main sewers in Mifflin and Elizabeth Sts., from F. C. Gorofolo & F. Berardi, 517 West Tioga St. $29,241 and $13,894 respectively, also G St., from A. D. Sandro & Son, 6400 North 5th St. $24,909. Noted Nov. 18.

Pa., Phila.—See "Streets and Roads."

Md., Baltimore — Bd. Awards, Nov. 24, storm drains, etc. in Sewer Dists. J-3, J-4 and G-13, Storm Water Contr. 98, from F. Angelozzi, 238 Albemarle St., $87,602.

Mo., Maplewood (br. St. Louis)—City Clerk, City Hall, Nov. 17, Northwest Maplewood Sewer Dist. 1, approximately 15,000 ft. 8- to 48-in. pipe, from J. J. Donnegan, Shenandoah, Ia., $59,105, and Dist. 2, 9,321 ft. 8- to 48-in. pipe, from J. F. Ensbro & M. B. Maguire, Merchants Laclede Bldg., St. Louis, $46,752. Noted Nov. 4.

Calif., Huntington Park—Vitr. sewer in Slauson Ave., etc., from P. Chutuk, 1516 Michigan Ave., Los Angeles, approximately $27,500.

Calif., Los Angeles — Bd. Pub. Wks., 11.85 mi. storm drain and 1,354 ft. sanitary sewer in Arroyo de la Sacatela Storm Drain System, Sect. 3, from C. H. Johnston, 1120 Las Palmas Ave., $993,698. Noted Nov. 11.

Calif., Los Angeles—Bd. Pub. Wks., 28,065 ft. 6 in. vitr. clay sewer in 8th St.,

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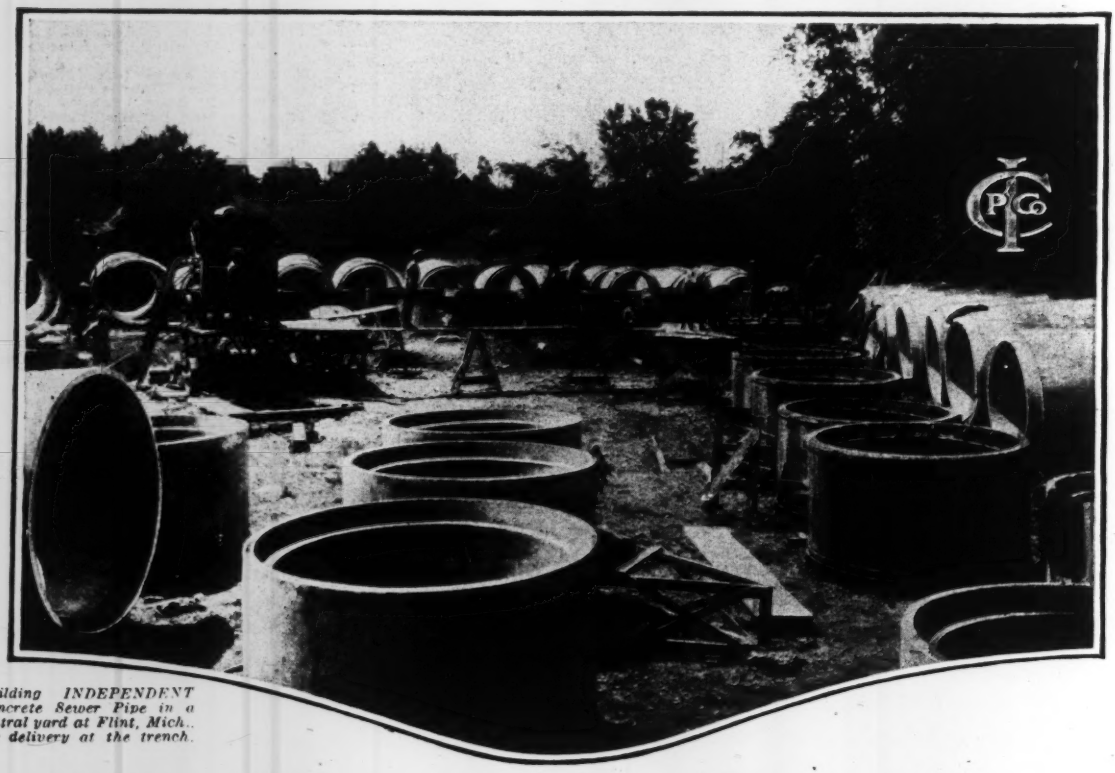
INDEPENDENT
Reinforced Concrete Pipe



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Assures a Better Sewer—Benefits the City—Aids the Contractor

THE wide and increasing use of INDEPENDENT precast reinforced concrete pipe, in building storm and sanitary sewers, is due to three distinct advantages.

FIRST—It Assures a Better Sewer. The practice of building the pipe in standard steel moulds, on or near the site of the work, under supervision of concrete experts, produces pipe of highest quality and accurate dimension with smooth, uniform walls—all the uncertainties peculiar to other materials are eliminated. It results in great strength and permanence in the completed sewer, and unusual economy in construction and maintenance.

SECOND—It Benefits the Community. The city not only gets a better sewer at lower cost, but it derives definite business benefits from the operation of the pipe-manufacturing plant, which employs local labor and buys local material, wherever possible.

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We shall be glad to give you estimates or further information on the use of INDEPENDENT Concrete Pipe for any sewers you are planning.

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Sales Agencies in all Principal Cities

Sewers (Continued)

from M. N. Guho, 5316 8th Ave., $126,819. Noted Nov. 25.

Calif., Los Angeles—From Kelly & Sons, Inc., Hillstreet Bldg., rein.-con. storm drain in Verdugo Rd., invol. storm drains over lands of Union Pacific Railway. $84,358, remainder of storm drain $414,551, sanitary sewer Plan D-163 $29,485, and sanitary sewer Plan 23,088, $12,840. Noted Sept. 16.

Calif., Santa Monica—Sanitary sewer in Main St., from Kneen Paving Co., 216 Dudley Bldg., $35,400. Noted Nov. 25.

Contracts Awarded

Mass., Boston—Dept. Pub. Wks., sewerage works in Vermont St., etc., Roxbury, to V. Bartlett, 10 Whipple Ave., Rosindale, $17,400. Engrs. est. $25,000. Noted Nov. 25.

Mass., Lynn—City Clerk and City Engineer, City Hall, Superstructure 6, sewerage pumping station and appurtenances, to W. T. Dinneen Constr. Co., Security Trust Bldg., $123,716; Superstructure 5, to Tunnel Constr. Corp., 709 6th Ave., New York City, $185,f40; pipe and special castings, to Warren Fdry. Co., 201 Devonshire St., Boston, $19,984; also valves and sluice gates, to Chapman Valve Co., Indian Orchard, $10,800. Grand total $339,640. Noted Oct. 21.

N. Y., New York—J. Miller, pres. Manhattan Boro, Boro Hall, outlet sewer in South St. between Jefferson and Rutgers Pl. to T. A. Reilly Co., 50 North 16th St., Elmhurst, $49,524; and storm relief sewer in Canal, Vestry, Hudson Sts., etc., to Paulsen Constr. Co., 9303 Sutphin Blvd., Jamaica, $118,525. Noted Nov. 18.

N. J., Cranford — Twp. Com., approximately 10,574 ft. 8 and 12 in. sewer in various streets, to A. Fastiggi, 62 Chestnut St., Montclair, $36,765. Noted Nov. 18.

Md., Pikesville—Comrs. Baltimore Co., Courthouse, Towson, concrete sewerage ejector buildings and disposal plant, here, to J. L. Robinson Constr. Co., 1130 West Lafayette Ave., Baltimore, $9,000. Noted Oct. 21.

Ind., Hammond—Bd. Wks., constructing Alexander Ave. Main Sewer, to Witter Constr. Co., Hammond, $57,032.

Mich., Clawson—Sewers in Collidge, Lincoln, Goodale and Wilson Aves., to Hammen & Co., Royal Oak, $31,602.

Mich., Detroit—Dept. Pub. Wks., East Jefferson Relief Sewer in East Jefferson St., to W. Blanck Co., 40 Seven Mile Rd. E., $564,920; and Mill Rd. Sewer, Sect. 1, in Mill Rd., to J. Porath & Son, 903 Transportation Bldg., $690,763. Noted Nov. 18.

Mo., Mount Vernon—Complete sewerage system, to Easley Bros., Aurora, and R. McSweeney, 555 North Division St., Springfield, $53,720. Engrs. est. $58,750. Noted Sept. 30.

Okla., Medford—Sewage disposal plant, and 35,110 ft. 6- to 12-in. vitr. clay sewers, etc., in all streets, to W. B. Carter, 205 Cosden Bldg., Tulsa, $57,737. Engrs. est. $66,342. Noted Nov. 4.

Calif., Los Angeles—Sanitary sewer, etc. in Eagle Rock Blvd., to Bebek & Brkich, 425 West 78th St., $97,169. Noted Nov. 18.

Calif., Los Angeles—Sewer in Washington St. and Washington Blvd., between Vineyard Ave. and Rimpau Blvd., to L. Miletich, 610 West 54th St., $207,215.

Ont., Toronto—York Twp., 4,275 ft. vitr. tile and concrete trunk sewer in Ossington Ave., to W. E. Taylor, 22 Falcon St., $74,767; sewer in Ralph Ave., to J. Mitchell, 50 Winnett Ave., $1,800; and Branston Rd., to city by day labor, $2,200. Grand total $78,767.

Waste Disposal

Proposed Work

N. Y., New York—Dept. Plant & Structures, A. Goldman, comr., Municipal Bldg., making plans rein.-con., brick and stone incinerator and garage, plain foundation, 530-40 East 74th St. $875,000.

Tex., San Antonio—Voted $150,000 bonds, 3 brick and concrete incinerators. I. Ewig, city engr. Noted Oct. 21.

Bridges

Proposed Work

N. J., Jersey City—Bd. City Comrs. authorized issuing $35,000 bonds, alterations and replacements to 13th St. viaduct. E. J. Holland, city clk.

Wis., Fond du Lac — See "Streets and Roads."

Wis., Kenosha—See "Streets and Roads."

Ia., Ft. Madison—Lee Co. voted $50,000 bonds (its share toward cost), highway bridge over Des Moines River, at St. Francisville, Mo. Total $100,000.

Mo., Kansas City — City voted $1,350,000 bonds, and Clay Co., $150,000 bonds, constructing bridge over Missouri River. Noted Sept. 30.

Ark., Bentonville — Benton Co. Quorum Court making preliminary plans rein.-con. and steel bridge across White River, on Benton-Eureka Springs Rd.; and 5 small bridges in various sections of county. $30,000. W. R. Edwards, judge.

Tex., Austin—See "Streets and Roads."

Tex., Comanche — See "Streets and Roads."

Tex., Cuero—See "Streets and Roads."

Tex., San Antonio—Voted $250,000 bonds, 5 steel and rein.-con. bridges mostly across San Antonio River. I. Ewig, city engr. Noted Oct. 21.

Calif., San Diego — Making preliminary plans steel and rein.-con. bridge. To exceed $25,000. Harrington, Howard & Ash, Orear-Leslie Bldg., Kansas City, Mo., engrs.

Bids Desired

Pa., Phila. — Dec. 3, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., steel superstructure for bridge, Contr. 68-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Pa., Phila. — Dec. 7, by Montgomery Smith purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., bridges, Contr. 70-1926; and frogs, switches, crossings, etc., Contr. 71-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

North Carolina — See "Streets and Roads."

South Carolina — See "Streets and Roads."

Fla., Clearwater — Dec. 7, by Comrs. Pinellas Co., Boca Ciega Causeway across Boca Ciega Bay. $1,300,000. C. E. Burleson, co. engr. Noted Nov. 4.

Fla., Pensacola—Dec. 28, by Bd. Comrs. Escambia Co., H. E. Gandy, chn., reconstructing rolling lift highway bridge over Bayou "Chico." W. E. Wheat, Pensacola, co. engr.; adv. E. N.-R. Dec. 2.

Tenn., Fayette—Dec. 17, by State Dept. Highways & Pub. Wks., Nashville, concrete and steel bridge across Elk River, on State Aid Project 155, Lincoln Co., near here. $40,000. C. N. Bass, highway comr. Noted Nov. 11.

Kan., Ft. Scott—Dec. 17, by Clerk Bourbon Co., 82 ft. rainbow arch span and two 25 ft. span deck girder bridges, on Project 208-B.

Kan., Hutchinson — Dec. 21, by Clerk Reno Co., eight 45 ft. span concrete bridge, on Federal Aid Project 15-G, 9,240 ft. wooden piling, 24 ft. roadway, etc. W. A. Stacey, Hutchinson, co. engr.

Kan., Oberlin—See "Streets and Roads."

Neb., Gothenburg — See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Mo., Cape Girardeau — Cape Girardeau Bridge Co., c/o Chamber of Commerce, C. L. Harrison, chn., taking bids 4,200 ft. concrete and steel bridge over Mississippi River. $1,600,000. Harrington, Howard & Ash, Orear Leslie Bldg., Kansas City, engrs. Noted Nov. 18.

Bids Received

Louisiana — State Hy. Dept., Baton Rouge, Nov. 18, bridge over Little River and Cocheran Creek, on Tullos-Rochelle Highway, Federal Aid Project 179-A, La-Salle and Grant Parishes, from F. D. Harvey & Co., Jonesboro, $89,891; bridge over Bayou Lacassine, on Lake Charles-Lake Arthur Highway, State Project 512-B, Jefferson Davis Parish, from J. A. Hanchey, Mittle, $21,026; and bridge over Roundway Bayou, on Tallulah St. Joseph Highway, Federal Aid Project 181-A, Madison Parish, from Austin Bridge Co., Baton Rouge, $30,899. Noted Oct. 28.

Calif., Los Angeles — Bd. Supervs. Los Angeles Co., Nov. 15, rein.-con. viaduct over Union Pacific Ry. tracks, at Beverly Blvd., from L. J. Bristow, 1915 Wilshire Blvd., Santa Monica, $15,970, additional Class "A" concrete $15 per yd., Class "C" concrete $15, and steel $0.054. Noted Nov. 4.

Contracts Awarded

Mass., Brookline (br. Boston)—Boston & Albany R.R. Co., South Sta., Boston, F. B. Freeman, ch. engr., concrete bridge, on Chestnut Hill Ave., here, to D. E. McIntire, 74 Broad St., Boston. Engrs. est. $25,000. Noted Oct. 14.

Mass., Medford (br. Boston)—Dept. Pub. Wks., Boston, 425 ft. rein.-con. bridge and approaches over Mystic River, on Winthrop St., here, to Hill-Woodward Co., 104 Massachusetts Ave., Boston, for City and Commonwealth of Massachusetts, Boston. $32,478. Noted Nov. 25.

New York and Pennsylvania — A. W. Brandt, comr. Bureau Highways, Albany, N. Y., repairing, etc., Port Jervis, Matamoras, Barryville, Shohola and Skinners Falls-Milanville interstate bridges to Henwood, Howell & Lathrop, Scranton, Pa., $27,929; and Cohecton-Damascus, Callicoon-Damascus and Hancock-Buckingham interstate bridges, to Albany Bridge Constr. Co., 518 Bway., Albany, N. Y., $15,508. Noted Nov. 11.

Virginia—State Hy. Dept., Richmond, four 45 ft. concrete beam and one 40 ft. double leaf bascule span bridge, 85,000 lb. reinforcing, 4,480 ft. creosoted lumber piles, etc. over Cypress Creek, Route 10, Isle of Wight Co., to R. R. Williams, 1211 North 22nd St., Richmond, $74,875. Engrs. est. $110,633.

Louisiana—See "Streets and Roads."

Ohio—G. F. Schlesinger, dir. Dept. Hys. & Pub. Wks., Columbus, seven 135 ft. main and six 47 ft. approach span rein.-con. viaduct over Ashtabula Creek, on Cleveland-Buffalo Rd., Ashtabula Co., incl. 10,271 sq.yd. brick paving, etc., to Standish Eng. & Constr. Co., 400 North Michigan Ave., viaduct $378,125, grading and paving approach $61,863. Noted Nov. 18.

Illinois—See "Streets and Roads."

Iowa—State Hy. Comn., Ames, to F. O. Akin, Corning, one 28 x 24 ft. I-beam bridge, 45 culverts and extensions on U. S. 32, Guthrie Co., $26,000; to Lundgren-Reis Co., 65 College St., Des Moines, 90 x 20 ft. pony truss bridge over Nodaway River, $19,723, to Jenson Constr. Co., Kimballton, 40 x 20 ft. deck girder bridge over Nodaway River at Mortons Mill $8,630, 60 x 20 ft. pony truss bridge in Washington Twp. $13,170, and 90 x 20 ft. pony truss bridge over Nodaway River, in Douglas Twp. $18,200, to Kelly Overman, Villisca, 26 culverts $15,100, all above in Montgomery Co.; to E. N. Ove, Dike, one 2 span 90 x 20 ft. skew pony truss bridge, also two 32 x 20 ft. span and one 40 x 20 ft. span deck girder bridge over west branch Iowa River at Belmond, Wright Co., $34,260; to Weldon Bros., Iowa Falls, repairing 24 culverts on U. S. 34, Union and Clarke Counties, $24,995; and to Klaur Mfg. Co., Dubuque, 644 ft. corrugated culvert pipe, Crawford Co., $1,125. Grand total $161,203. Noted Nov. 18.

Ia., Osceola—Clarke Co., one I-beam bridge and 22 box culverts on Primary Bridge Project 114, to Jensen Constr. Co., Kimballton, $17,526; also 24 box culverts and extensions, to Snyder and Johnson, Humboldt, $19,067. Noted Nov. 11.

Missouri — State Hy. Dept., Jefferson City, to H. A. Worman, Pittsfield, Ill., one 8 ft. rein.-con. slab span, etc. over Creek, Warren Co. $699, to G. W. Condon, Omaha, Neb., two 12 ft. over stream, Atchison Co. $5,384, to F. Kersting Co., Jefferson City, two 10 ft. over branch of Middle Fork $2,024, two 10 ft. over Gabriel Fork $2,686, two 12 ft. over Fisher Branch $2,858, two 50 ft. rein.-con. deck girder spans, etc. over Haw Creek $7,993, two 35 ft. and two 50 ft. over Middle Fork $8,494, all in Morgan Co.; to M. E. Gillioz, Monett, two 24 ft. rein.-con. slab spans, etc. over Jones Branch, Pulaski Co. $3,764, one 12 ft. over stream, Miller Co. $1,618, four 40 ft. rein.-con. deck girder spans, etc. over Dog and Cat Tail Creeks $14,309, five 40 ft. over Barren Fork $13,839, four 40 ft. over Brushy Fork $11,208, all in Miller Co.; to P. McGlove, Archie, one 50 ft. and two 45 ft. over Tank Creek $12,551, one 50 ft. and two 45 ft. over Crawford Fork $11,457, Cass Co.; to J. T. Morris, Oregon, one 50 ft. and two 30 ft. over Long Branch $11,452, also one 50 ft. and two 40 ft. over Mozingo Branch $11,414, both Nodaway Co.; and to Koss Constr. Co., Des Moines, Ia., two 30 ft., eight 35 ft. rein.-con. deck girder and five 100 ft. opened spandrel arches, etc. over Fames River, Stone Co. $90,376; to L. W. Spangler, Kansas City, concrete flooring 203 ft. bridge, Bollinger Co. $5,284, 153 ft. bridge $3,412, asphalt flooring 627 ft. bridges $1,846, and 83 ft. bridge $1,794, all Bollinger Co.; to St. Louis Constr. Co., St. Louis, asphalt flooring 233 ft. bridge, Jefferson Co. $3,048, also to York Eng. Co., Joplin, 539 ft. bridge $10,565, and 385 ft. bridge, $6,856, both Taney Co. Grand total $244,931. Noted Nov. 25.

California—State Hy. Comn., Sacramento, three 45 ft. and one 30 ft. span rein.-con. girder bridge across Gaviota Creek, Santa Barbara Co., to Oberg Bros., Los Angeles, $19,904. Noted Oct. 21.

California—State Hy. Dept., Sacramento, repairing bridge in Humboldt Co., to California Air Constr. Co., Santa Barbara, $37,818.

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Granite Lives Forever—

Broad St., Philadelphia
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This pavement over the subway will outlast the steel rails in the subway. Granite Lives Forever. More than that, Broad Street will be clean, smooth but not slippery, and will require practically no repairs.

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Bridges (Continued)

Calif., Los Angeles—Los Angeles Co., seven 60 ft. span Howe truss bridge over San Gabriel River, on Beverly Blvd., to F. G. Perham, 4711 Willowbrook Ave., $21,-700. Noted Oct. 28.

Dams

Proposed Work

Wis., Delton—W. Newman, Mirror Lake, making plans 300 ft. rein.-con. storage dam, approximately 25 ft. high, here. H V. Tennant, Portage, engr.

Wis., Embarrass—See "Buildngs—Industrial."

Wis., Park Falls — Mead & Seastone, engrs., Journal Bldg., Madison, preparing plans rein.-con. dam, on Flambeau River, here. $15,000. Owner's name withheld.

Nev., Lovelock—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Railways

Proposed Work

Alabama—Alabama, Tennessee & Northern R.R. Corp., W. Tokey, ch. engr., Meaher Bldg., Mobile, Ala., plans 30 mi. railroad extension from Summit to Port of Mobile, Washington and Mobile Counties.

Texas — Quanah, Acme & Pacific R.R. Co., C. H. Sommer, pres., Frisco Bldg., St. Louis, Mo., (subsidiary of St. Louis-San Francisco R.R. Co., F. G. Jonah, ch. engr., Frisco Bldg., St. Louis, Mo.), plans 27 mi. new standard gauge line from McBain to Floydada, here. $1,132,000.

Texas — Fort Worth & Denver South Plains Ry. (subsidiary Colorado & Southern Ry., R. C. Gowdy, ch. engr., Denver, Colo.), plans 132 mi. line railroad from Estelline in a westerly direction to Plainview and northwesterly to Dimmitt, near center Castro Co., also 70 mi. line from Lubbock northerly to connection with line to Plainview and on to Silverton, here. $6,270,000.

Texas—St. Louis, Brownsville & Mexico R.R. (subsidiary of Missouri-Pacific R.R., E. A. Hadley, ch. engr., Railway Exch., St. Louis, Mo.), plans 18 mi. extension from Raymondville into Willacy Co. vegetable growing area. $441,578.

California—Western Pacific R.R. Co., J. W. Williams, ch. engr., Mills Bldg., San Francisco, plans extending Tidewater and Southern railroad line from Stanislaus Co. south to Fresno. $10,000,000.

Quebec—Montreal Tramways, Craig St. W., Montreal, plans 1 mi. elevated railway Place d'Arms to Sherbrook St., in Montreal. $1,000,000.

Quebec—Canadian Natl. R.R., 230 St. James St., Montreal, T. T. Irving, ch. engr., plans constructing railroad from Port Alfred to St. Alexis.

Manitoba — Canadian Natl. Rys., H. A. Dixon, ch. engr. (western region), Winnipeg, plans extending railroad from Gypsumville to Grand Rapids.

Contracts Awarded

California—Yosemite Portland Cement Co., Fresno, extending railway in connecting with cement plant, incl. 20,000 cu.yd. mostly rock excav., in Merced, to A. J. and J. L. Fairbanks, South San Francisco.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Ark., Arkansas City—Black Pond D. D., Desha Co., making surveys made drainage work. $50,000. O. G. Baxter Eng. Co., Moore & Turner Bldg., Little Rock, engrs.

Texas—Lamar-Delta Co. D. D. 2, Paris, voted $210,000 bonds, land reclamation, straightening channel Sulphur Creek, etc. Noted May 27.

Tex., San Antonio — Voted $600,000 bonds, flood prevention, incl. widening and deepening certain portions San Pedro and Alazan Creeks. I. Ewig, city engr. Noted Oct. 21.

Nev., Lovelock—Lovelock Irrigation Dist. plans election, bonds to exceed $100,000, constructing dam and reservoir.

Bids Desired

Fla., Bradenton—Dec. 20, by City, c/o R. K. Van Camp, comr. Pub. Wks., concrete sea wall and municipal pier in Manatee River.

Wis., Fond du Lac—Dec. 6, by C. J. Fay, city clk., 175,000 yd. dredging.

Minn., Albert Lea—Dec. 10, by Comrs. Freeborn Co., Judicial Ditch 12, approximately 17,230 cu.yd. excav., 25,000 ft. 7- to 12-in. clay, and 6,500 ft. 14- to 32-in. cement tile, also rein.-con. retaining wall, etc. $18,321.

Neb., Gothenburg—Dec. 6, by Bd. Dirs. Thirty Mile Canal Co., F. E. Parkam, pres., constructing 30 mi. canal, 26 concrete stub concrete bridges, and 40 mi. laterals, etc. $250,000. C. A. Edwards, Gothenburg, engr.

Calif., La Mesa—Dec. 14, by Directors La Mesa, Lemon Grove & Spring Valley Irrigation Dist., **(a)** 200 cu.yd. concrete placed, 50,000 cu.yd. excav. and embankment **(b)** furnishing and installing necessary spillway, outlet works, etc., for construction transmission lines. T. H. King, La Mesa, engr.

Contracts Awarded

N. Y., Rochester — T. F. Farrell, comr. Canals & Waterways, 363 Bway., Albany, subdrainage system and pumping facilities in Genesee Valley Canal Bed, Terminal Contr. 48-A, here, to W. W. Bender 83 Highland Parkway, $10,057. Noted Oct. 21.

Michigan—Bay Co. (Bay City) and Tuscola Co. (Caro), deepening 2.5 mi. Quanisee River, to J. A. Ellison, Bay City, $23,-000.

Wis., Milwaukee—See "Buildings—Commercial under "Proposed Work."

Kan., Wichita—Widening and enlarging channel of Wichita Drainage Canal from 21st St. to Big Arkansas River, incl. 736,000 cu.yd. excav., etc., to Martin-Day Constr. Co., 310 Little Bldg., Lincoln, Neb., $118,202. Noted Sept. 14.

Calif., Los Angeles—Los Angeles Co., constructing Ballona Creek channel, 58,700 cu.yd. excav., to Ross Constr. Co., Van Nuys Hotel, at $0.28 per yd.

Streets and Roads

Proposed Work

Mass., Boston — Dept. Pub. Wks. plans laying out and constructing extension Bennett St., Brighton, across private land, as highway. $25,000. J. H. Sullivan, comr.

Mass., Cambridge (br. Boston) — City Council plans reconstructing and extending Green St. $25,000 or more. Private plans.

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, J. H. Sullivan, comr., plans widening and reconstructing Washington St., here. To exceed $25,000.

N. Y., Syracuse—Plans resurfacing 3,000 ft. North Salina St. $70,000. N. F. Pitts, Jr., city engr.

N. J., Trenton — City Comn. plans widening 1 block Jackson St. from Front to Livingston Sts. $40,000. J. E. English, Trenton, engr.

Pa., Pittsburgh—Soon takes bids grading, curbing and paving Colorado St. between Superior St. and Halsey Pl. $26,-000. Dept. Pub. Wks., City County Bldg., engr.

Miss., Jackson—Voted $120,000 bonds, improving various streets. A. J. Johnson, city clk. Noted Nov. 4.

Miss., Jackson—See "Unclassified."

Miss., Jackson — Hinds Co. soon takes bids grading, hardsurfacing, etc., 22 mi. road from Madison Co. line to Copia Co. line, 18 ft.

Miss., Vicksburg — Warren Co. making preliminary plans grading, surfacing, etc., National Cemetery Rd. $50,000.

La., Kenner—Making preliminary plans grading, curbing and paving various streets. $100,000. H. A. Mentz, Hammond, engr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, made surveys improving 10 mi. Harriman-Morgan Co. line Rd., Roane Co. C. N. Bass, highway comr.

Kentucky—State Hy. Dept., Frankfort, rejected bids Nov. 19, grading, etc. 4.9 mi. Greensburg-Columbia Rd., Federal Aid Project 143-B, Green Co. E. N. Todd, highway engr. Noted Nov. 25.

Ohio—Comrs. Medina Co. (Medina) Summit Co. (Akron) and Wayne Co. (Wooster) takes bids in spring hardsurfacing 3 mi. Medina-Summit-Wayne Rd. $70,000. H. G. Sours, Franklin and Kent Rd., Akron, engr.

O., Canton—Bd. Control takes bids in spring, improving 1 mi. 25th St. N. W. $60,000-$75,000. W. E. Sarver, City Hall, engr.

O., Cincinnati—Voted $1,000,000 bonds, repairing 38 streets.

O., Cincinnati—Hamilton Co. plans grading, walks, concrete curbing and concrete repaving 4,921 sq.yd. Harding Ave. $31,-652. E. A. Gast, Court House, engr.

Mich., Muskegon—Making plans concrete paving 22,200 sq.yd. 6th, Holbrook, Commerce, Holbrook, Clinton and McCracken Sts., $74,000; sheet asphalt paving 7,922 sq.yd. Western and West Clay Aves. $30,-000. H. J. Lewis, City Hall, engr.

Wis., Antigo—Langdale Co., J. Baker, comr., plans selling $800,000 bonds, concrete paving Trunk Highway 26.

Wis., Antigo—Langdale Co., C. Olsen, comr., voted $96,000 bonds, improving highways during 1927.

Wis., Appleton—Winnebago Co., A. G. Brusewitz, comr., **(C.T.H. means County Trunk Highway)** plans improving C.T.H. 26, 55, 154, 156, E, Z, Y, Q, J, M, F, T, EE, etc.; and bridges on C.T.H. 55 and 154. $362,165.

Wis., Chippewa Falls—Chippewa Co., W. H. Taylor, comr., authorized sale of $487,-000 bonds, concrete paving 12 mi. each Trunk Highways 11 and 16.

Wis., Elkhorn—Walworth Co., H. J. Peters, comr., plans concrete paving Highways 89 and 36 between Lyons and Springfield $365,000, 7 mi. between construction limits of Lake Geneva and Kenosha Co. line; 6.5 mi. Trunk Highway 20; and completing Lake Geneva-Delavan Rd.

Wis., Fond du Lac—Comrs. Fond du Lac Co. **(C. T. H. means County Trunk Highway)**, plans concrete paving 1.8 mi. C. T. H.-55 $32,000, and streets in Oakfield $26,-000; graveling 6.4 mi. C. T. H. V $37,000, 8.5 mi. C. T. H. O $67,000, 6 mi. road between Highways W and 55 $44,000, 1.5 mi. roads from C. T. H. U east and south to St. Charles Cemetery $8,000, 5 mi. Rogersville Rd. $42,588, 3 mi. Berlin Rd. also 3 mi. extension to C. T. H. C $20,000; constructing Eldorado Bridge on C. T. H. C $8,000, Timlin Bridge on C. T. H. B $2,400, and LeFever Bridge on C. T. H. U $2,300. G. Treleven, comr.

Wis., Hudson—Preston Co., H. B. Olsen, comr., appropriated $140,000 concrete Trunk Highway 12.

Wis., Janesville—Rock Co., C. E. Moore, comr., appropriated $135,000, concrete paving Milton-Milton Junction Rd., and State Trunk Highway 59 from Milton to Whitewater.

Wis., Kenosha—Kenosha Co., J. F. Herzog, highway comr., plans issuing $250,000 bonds widening Highway 57 and Burlington Rd., surfacing 3.6 mi. Highway 83 and 15, and constructing Upson Bridge on Geneva Rd.; also plans grading, graveling, etc. Wheatland-Center Schultz, Silverwood-Driver, and North Howland Ave. Rds., $9,000. J. T. Donaghey, Madison, ch. engr.

Wis., Madison—Dane Co., J. R. Caldwell, comr., plans concrete paving 11.9 mi. State Trunk Highway 10; 6.3 mi. State Trunk Highway 12; 4.8 mi. State Trunk Highway 31; and 11 mi. State Trunk Highway 12. $949,700.

Wis., Manitowoc—Manitowoc Co., J. Connell, comr., voted $250,000 bonds, concrete paving, etc. Trunk Highway 163 between Two Rivers and Mishicot; Trunk Highway 57 through Kiel; and Trunk Highway 17 between Two Rivers and here.

Wis., Menomonie—Dunn Co., F. Stewart, comr., appropriated $152,000, concrete paving Trunk Highway 12 between 1926 construction and St. Croix Co. Line.

Wis., Monroe — Green Co., C. J. Smith, comr., plans concrete paving 5.5 mi. Trunk Highway 61, 18 ft. $220,000; and 2 mi. Trunk Highway 20, 20 ft., $89,613.

Wis., Wausau — Wausau Co., J. Clark, comr., authorized sale of $845,921 bonds, concrete paving 8 mi. Trunk Highway 10; Trunk Highway 13; 8 mi. Trunk Highway 52; and 6 mi. Trunk Highway A in Hamburg.

Wis., Racine—Racine Co., E. R. Fisher, comr., **C.T.H. means County Trunk Highway and S.T.H. means State Trunk Highway)** appropriated $100,000, 18 ft. concrete paving C.T.H.-E between C.T.H.-U and S.T.H. 75; also $22,000, grading and graveling 6.5 mi. C.T.H. H, 3.5 mi. C.T.H. U, also 1 mi. C.T.H. E.

Wis., Superior—Douglas Co. plans grading, graveling, etc. approximately 61 mi. Trunk Highways 13,105, A, B, D, E, F, G, K, L, N, O, P, U, W, Y, etc. $128,700.

Wis., Viroqua — Vernon Co. A. Ristow, comr., plans crushed stone surfacing 4.6 mi. State Trunk Highway 33, $100,000; and 15.14 mi. State Trunk Highways 11 and 41, $215,000.

Wis., Waukesha—Making plans various types paving, etc. Grand Ave. between Wabash Ave. and city limits; James St. between College and Newhall Sts.; Wilbur Ave. between Randall and Newhall Sts.;

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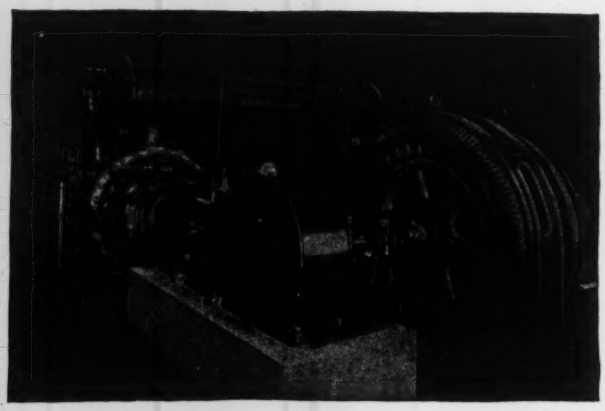

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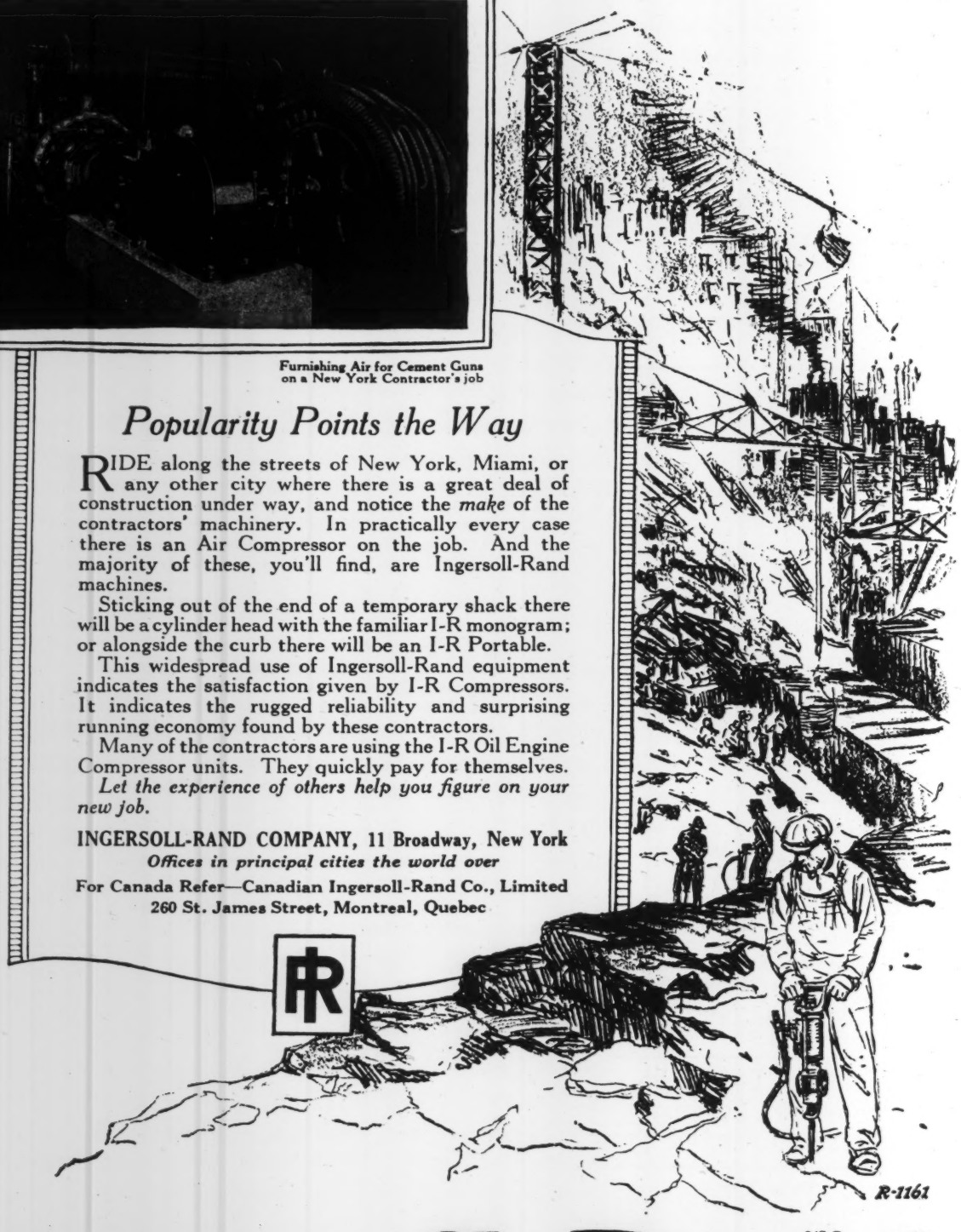

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Streets and Roads (Continued)

Laflin Ave. between James St. and East Ave.; Mary St. between St. Paul Ave. and North St.; also 1 alley. To exceed $25,000. A. R. Schuh, City Hall, engr.

Wis., Wautoma — Waushara Co., F. Grimm, comr., plans selling $500,000 bonds, concrete paving 7 mi. Trunk Highway 10; 4 mi. Trunk Highway 21; and 6 mi. Trunk Highway 49.

Wis., Wisconsin Rapids—Wood Co. appropriated $32,600, for township road work; $14,000, improving Highway 73 in Saratoga; $7,000, graveling County Trunk B; $17,000, county trunk maintenance; and $14,419, bridge construction. E. Morris, comr.

Ia., Anamosa—Making plans paving 68 blocks various streets. H. R. Green Co., Cedar Rapids, engrs.

Kan., Winfield—Cowley Co. plans hardsurfacing 3.5 mi. Federal Aid Project 21, and 4 underpasses on same road. B. Boyle, Winfield, engr.

Neb., Gordon—Making plans 6 in. concrete paving, etc. approximately 10,000 sq.yd. various streets. $30,000. Henningson Eng. Co., 301 Natl. Bldg., Omaha, engrs.

Mo., Kansas City—Plans widening Linwood Blvd. between Gulfam Rd. and Benton Blvd. $25,000. F. Gableman, Park Bd., engr.

Mo., Kansas City—Making plans paving 63rd St. between Main St. and Troost Ave. $25,000. R. Waddell, City Hall, engr.

Mo., Plattsburg — Clinton Co., election Dec. 7, $200,000 bonds, improving various roads.

Ark., Prescott — Making preliminary plans grading, curbing, hardsurfacing, etc. 14 blocks streets in Impvt. Dist. 1.

Tex., Abilene—Election Dec. 20, $150,000 bonds, paving various streets. C. E. Coombes, mayor.

Tex., Austin — Travis Co. made plans and soon takes bids grading, bridging, etc., 4.8 mi. Austin-Houston Rd. extending west from Manor, 26 ft. $53,000. J. E. Motheral, Austin, resident engr.

Tex., Bastrop—Bastrop Co. plans resurfacing 11 mi. Highway 71. $80,000. Address State Hy. Dept., Austin, engr.

Tex., Bay City—Matagorda Co. making plans concrete paving 1.2 mi. Wharton-Matagorda Rd., 18 ft. $33,500. E. N. Gustafson, Bay City, co. engr.

Tex., Comanche—Comanche Co. making plans grading and bridging, etc., 15.15 mi. Highway 19, 26 ft. $80,400. W. H. Garrett, Comanche, engr.

Tex., Cuero—DeWitt Co. making plans grading and bridging, etc., 15.05 mi. Highway 81, 26 ft. $169,200. Terrell Bartlett Engineers, 610 Calcasieu Bldg., San Antonio, engrs.

Tex., Laredo—Webb Co. voted $300,000 bonds, hard paving 20 mi. Highway 12-A. Total $900,000. T. E. Huffman, Laredo, co. judge. Noted Oct. 28.

Tex., McAllen—Election soon $80,000 bonds, permanent paving various streets. E. M. Card, city engr.

Tex., Mercedes — Election soon $60,000 bonds, permanent paving various streets. Address Mayor. Noted Sept. 23.

Tex., San Antonio—See "Unclassified."

Tex., San Antonio—Voted $300,000 bonds, hard paving various streets; also $900,600 bonds, opening, widening and straightening various streets. Noted Sept. 2 and Oct. 21.

Tex., Wichita Falls—Making plans hard paving 9 blocks 5 various streets. $35,000. F. M. Rugeley, city engr.

Oklahoma — State Hy. Dept., Oklahoma City, making surveys grading, etc. 8 mi. State Road 40, Osage Co., 30 ft. $45,000. J. M. Page, highway engr.

Okla., Cordell—Washita Co. election Dec. 21, $800,000 bonds, improving 70 mi. various roads, 30 ft. J. M. Page, Oklahoma City, highway engr.

Okla., Cushing—Making plans grading, curbing and concrete paving 9,700 sq.yd. Dists. 62 and 63. $31,225. G. Estey, Cushing, engr.

Okla., Douglas — Making preliminary plans grading and concrete paving 9,600 sq. yd. Main St. $32,000. Musson & Co., Grain Exch. Bldg., Oklahoma City, engrs.

Okla., Muskogee—Muskogee Co. takes bids about Dec. 15, improving 8 mi. road. $200,000. C. R. Morgan, Metropolitan Bldg., Muskogee, engr. Noted Nov. 25.

Okla., Pawhuska—Making plans grading, curbing and sheet asphalt paving 7,110 sq.yd. 16th St. $29,247. J. M. Buckley, Pawhuska, engr.

New Mexico—State Hy. Dept., Santa Fe, making plans grading, graveling, etc. 7 mi. Federal Aid Project 160-A, in Nara Visa and Clayton. $80,000. State Highway Engineer, Santa Fe, engr.

California—State Hy. Dept., Sacramento, plans widening approximately 5 mi. roadway between Salida and McHenry Rd., Stanislaus Co. $60,000. R. M. Morton, Forum Bldg., Sacramento, engr.

Calif., Berkeley—Plans curbing, widening and paving, etc. portions Euclid Ave. $140,000. A. J. Eddy, city engr.

Calif., Burlingame—Making plans grading, curbing, guttering and 1½ in. Warrenite surfacing on 4½ in. concrete paving 58,359 sq.ft. Carlos Ave., etc. J. James, city engr.

Calif., Huntington Park—Voted $225,000 bonds, grading, paving, etc. Pacific Blvd. between Slauson and Florence Aves.

Calif., Long Beach—Plans concrete paving, etc., Redondo Blvd. between 2nd and 12th Sts. To exceed $25,000. R. D. Van Alstine, city engr.

Calif., Los Angeles—Made plans curbing and 6 in. concrete paving, etc. 1,062,357 sq.ft. 10th Ave. and Hyde Park Blvd. Impvt. Dist.; also 90,102 sq.ft. Cochrane Ave. J. C. Shaw, City Hall, engr.

Calif., Monrovia—Plans curbing, widening and paving, etc. portions White Oak Ave. To exceed $25,000.

Calif., San Diego—Common Council made plans sidewalks, curbing, and 5 in. concrete paving 78,298 lin.ft., etc. El Cajon Ave., 56th and 58th Sts., etc. F. A. Rhodes, city engr.

Calif., San Francisco—Made plans grading, curbing, guttering, walks and 1½ in. asphaltic concrete on 6 in. asphaltic concrete paving 22,450 sq.ft. Brussels and Campbell Sts. M. M. O'Shaughnessy, city engr.

Calif., San Francisco — Making plans curbing, paving, etc., Portola Dr. between 24th St. and Laguna Honda Blvd., and Clay St. between Mason and Taylor Sts., approximately $26,500, also Peralta Ave. between Tomasa and Montcalm Sts., and extending 19th St. to Mono St., $27,000 or more. M. M. O'Shaughnessy, city engr.

Calif., San Mateo—Plans concrete paving streets south of 5th Ave. To exceed $25,000.

Calif., Stockton—Plans graveling 40 mi. various streets. W. B. Hogan, city engr.

Que., Hampstead—Metropolitan Comn., City Hall, Montreal, authorized issue of loan of $175,000, to city of Hampstead, for pavements, sidewalks and sewers.

Ont., London — Council Middlesex Co. making plans concrete paving Main St., at Granton. $35,000. C. Talbot, County Bldgs., London, engr.

Ont., Toronto — Plans extending and grading 6 lanes and widening Eastern Ave. $61,731. R. C. Harris, City Hall, engr.

Ont., Windsor — City Council making plans concrete paving McKay Ave.; also opening and paving Ottawa St. $50,000. A. Brian, City Hall, engr.

Bids Desired

Mass., Boston—Dec. 3, by Dept. Pub. Wks., sheet asphalt or bitulithic paving Hillsdale St. $15,000. J. H. Sullivan, comr.

Mass., Quincy (br. Boston)—Dec. 14, by Dept. Pub. Wks., Boston, bituminous macadam paving 10,484 ft. section Southern Route, in Quincy. W. F. Williams, comr.

N. Y., Brooklyn—Dec. 7, by Park Bd., at office Dept. Parks, Arsenal Bldg., Central Park, 5th Ave. and 64th St., New York City, F. D. Gallatin, pres., grading, curbing and sheet asphalt paving Ocean Parkway Terminus at Coney Island, here.

N. Y., Brooklyn—Dec. 8, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading, curbing, and asphalt on concrete paving East 28th St.; bituminous on stone paving Van Dam and Grand Sts., Flushing and Meeker Aves.; also grading Cortelyou Rd., Benson and 12th Aves.

N. Y., New York—Dec. 8, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, etc., Godwin Terrace, Pelham Parkway north to Mace Ave., Pelham Parkway north to Laconia Ave., East 212th St., Olinville, Morgan, Astor, Whitlock, Paulding, Barnes, Radcliff Aves., etc.

N. Y., St. George—Dec. 8, by J. Lynch, pres. Richmond Boro, Boro Hall, granite block paving Hyland Blvd.; grading, curbing, etc., Ridgewood Ave.

N. J., Hopatcong — Dec. 18, by Boro Council, Pub. School Hall, P. P. Wahlstad, clk., Maxim Dr., surfacing with cracked stone, asphaltum binder and top dressing Hudson, Lakeside and Boomer Aves., Hopatchung and River Styx Rds., etc.

Md., Baltimore—Dec. 8, by Bd. Awards, sheet asphalt paving 13,000 sq.yd. streets listed in Contr. 381, S. Purcell, City Hall, highways engr.

W. Va., Philippi—Dec. 14, by Court Barbour Co., J. F. Hewitt, co. clk., at Court House, bituminous macadam paving 1.44 mi. Bonica Rd., Project 12, Philippi Dist. J. F. Hewitt, co. clk.

North Carolina—Dec. 16, by State Hy. Dept., Raleigh, topsoiling, sand clay surfacing or grading 75.35 mi. roads in 7 counties; hardsurfacing 1.44 mi. in one county; and bridges in 1 county; adv. E. N.-R. Dec. 2.

South Carolina — Dec. 9, by State Hy. Dept., Columbia, sand clay surfacing, bridging, etc., 7.5 mi. Route 24, State Project S-639-A, sand clay surfacing 7,635 cu. yd. Route 121, State Project S-599-2, 6,909 cu.yd. Route 6, State Project S-589-A, and 21,407 cu.yd. Route 24, State Project S-639-B, Lexington Co., State Highway Engineer, Columbia, engr.; also concrete paving, etc., 41,848 cu.yd. Route 11, Federal Aid Project 94, Union Co. E. D. Sloan, Greenville, engr.

South Carolina — Dec. 9, by State Hy. Dept., Columbia, concrete paving, etc. 13.2 mi. Route 8, Federal Aid Projects 257-C and 243-A-2, and State Project S-615-A 2, Spartanburg Co., also 1.9 mi. Route 2, Federal Aid Project 38-D, Oconee Co., E. D. Sloan, Greenville, engr.; sand clay surfacing, etc., 3.6 mi. Route 27, Federal Aid Project 272, Edgefield Co., State Highway Engineer, Columbia engr., 3.3 mi. Route 36, State Project 587-B, Bamberg Co., H. C. Mobley, Orangeburg engr., 2.3 mi. Route 3, State Project S-616, Florence Co., H. G. Jones, Florence engr., and 4.5 mi. Route 391, State Project S-528, Aiken Co., State Highway Engineer, Columbia, engr.; treated timber bridge on Route 53, State Project S-623, Florence Co., H. G. Jones, Florence, engr., on Projects S-587-D, and S-587-E, Route 36, Hampton-Colleton Co., H. C. Mobley, Orangeburg engr.; and culverts, etc. on Route 8, Federal Aid Project 243-B, Spartanburg Co., E. D. Sloan, Greenville, engr.

Fla., Jacksonville—Dec. 8, by City Comn., 5 in. concrete paving, etc. 33,000 sq.yd. sidewalks and driveways. $110,000. J. W. Sheldon, city engr.

Fla., Jacksonville — Dec. 10, by Comrs. Duval Co., concrete paving 3.05 mi. Highway Impvt. Dist. 1 and Hyde Park, $118,960; also bituminous surface treating 1 mi. Mandarin Rd. 17. R. L. Croasdell, Jacksonville, co. engr.

Minnesota—Dec. 13, by Comrs. Ramsey Co. (St. Paul) and Dec. 14, by Dakota Co. (Hastings), at St. Paul, grading 78,000 cu.yd. and graveling 10,000 cu.yd. Sibley Memorial Highway, Project 25-53-A. P. N. Coates, 900 Guardian Life Bldg., St. Paul, engrs.

Kan., Oberlin — Dec. 15, by Clerk Decatur Co., grading, etc., 7.109 mi. Federal Aid Project 144-A, B and C, also twenty-one 21 ft. timber trestle bridges. Noted Nov. 4.

Kan., Olathe—Dec. 16, by Clerk Johnson Co., grading, surfacing, etc., 1.613 mi. Federal Aid Project 246-G, 18 ft. Former bids rejected. E. J. Terrell, Olathe, co. engr. Noted Oct. 28.

Kan., Oswego—Dec. 28, by Clerk Labette Co., chats, gravel, bituminous macadam or waterbound macadam surfacing 76.867 sq.yd. Federal Aid Project 126-B. J. F. Grady, Oswego, co. engr.

N. D., Napoleon — Dec. 8, by Auditor Logan Co., grading, etc. 124,000 cu.yd. various roads.

Mo., St. Louis—Dec. 21, by Bd. Pub. Serv., 208 City Hall, asphalt on concrete paving, etc. 2,950 sq.yd. Labadie St. $24,000; asphaltic concrete paving, etc. 3,150 sq.yd. Greer St. $21,520,560 sq.yd. Lee Pl. $4,000, 3,520 sq.yd. Park Lane $24,000, 950 sq.yd. Summitt Pl. $6,600, 1,240 sq.yd. Odell St. $8,800, and 735 sq.yd. Tilden St. $5,280; warrenite bitulithic paving, etc. 5,480 sq.yd. Howard St. $25,000, 1,300 sq.yd. Pennsylvania St. $9,080, and 980 sq.yd. Robert Ave. $6,800; also rein.-con. paving, etc. 460 sq.yd. Cologne St. $2,900, 582 sq.yd. Dresden St. $3,667, 2,250 sq.yd. Taylor Ave. $14,160, and 1,650 sq.yd. Natural Bridge Ave. $10,400. W. W. Horner, 300 City Hall, engr.

Okla., Woodward — Dec. 16, by S. J. Dohrer, city clk., grading, curbing and concrete paving 42,164 sq.yd. Main St., Dist. 6, $139,875; 21,456 sq.yd. South 8th St., Dist. 7, $69,735; and 8,400 sq.yd. Dist. 8, $26,370. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.

Nevada—Dec. 8, by State Hy. Comn., Carson City, grading and surfacing 16.25 mi. Jean-Bard Rd., Clark Co.; and surfacing 14.81 mi. Hafed-Derby Rd., Washoe Co. G. M. Borden, Heroes Memorial Bldg., Carson City, highway engr.

Washington—Dec. 24, by State Hy. Com., Olympia, grading, etc. approximately 0.25 mi. State Rd. 12, Wahkiakum Co.; and crushed rock surfacing, etc. 3.9 mi. State Rd. 9, Jefferson Co. J. W. Hoover, Olympia, engr.

Calif., Compton—City Trustees taking bids grading and 6 in. vibrolithic concrete paving, etc. 113,366 sq.ft. Olive and Oleander Sts., etc. E. M. Lynch, Central Bldg., Los Angeles, engr.

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Streets and Roads (Continued)

Calif., Montebello — Dec. 18, by L. G. Herr, city clk., curbing, guttering, walks and rock and oil surfacing, etc., 263,000 sq. ft. Washington Blvd. Noted Nov. 4.

Calif., San Diego—Dec. 13, by Common Council, concrete curbing sidewalks and 1½ in. asphaltic concrete on 5 in. concrete paving 133,842 sq.ft. 1st and Redwood Sts. F. A. Rhodes, city engr. Noted Oct. 28.

Calif., Santa Cruz—City Council taking bids grading, curbing, guttering, walks and 5 in. hydrated concrete paving, etc., portions Cleveland and Walnut Aves. J. K. James, city engr.

Calif., Santa Monica—City Trustees, D. B. Wynne, city clk., taking bids grading and 4 in. asphaltic concrete paving 173,000 sq.ft. 4th St. Noted Nov. 25.

Bids Received

Mass., Boston—Dept. Pub. Wks., bituminous macadam paving 13,096 ft. Southern Route, from J. C. Coleman & Sons Co., 1620 Tremont St., Roxbury, $360,898. Noted Nov. 11.

Rhode Island — State Bd. Pub. Roads, State House, Providence, Nov. 24, bituminous macadam paving 3.5 mi. Contr. 2620 in Gloucester, Scituate and Smithfield, from Perini & Ampollini, Plainville, Mass. $99,343, 1.5 mi. Contr. 2619, in Tiverton, from Kelliher Corp., Turners Falls, Mass. $44,674, 3 mi. Contr. 2624, in Lincoln, and rein.-con. paving 3.4 mi. Contr. 2623, in Cumberland, from P. J. Quinn, Ashton, $90,137 and $146,146 respectively, 1.9 mi. Contr. 2621, in Cranston, from Lane Constr. Corp., 37 Colony St., Meriden, Conn. $79,086, and 2.2 mi. Contr. 2622, in North Kingston, from J. Briston, Narragansett Pier, $112,558. Noted Nov. 18.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, Nov. 24, grading and sidewalks on 15th Ave., etc., from M. A. Zappone, 113 32nd St. $2,612, and Avenue U, from G. M. Mandato, 201 Neck Rd. $1,131; grading and asphalt paving West 12th and 60th Sts., from M. J. O'Hara, Neptune Ave. and West 19th St., $2,138 and $9,638 respectively, also 65th St., from B. Turecamo, New Cropsey Lane, $31,519. Noted Nov. 18.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Nov. 29, from J. D'Amato, Hammels, sidewalks on Caffrey Ave. $2,884, from O'Brien & Kurth, 8625 137th St., Jamaica, 39th St. $4,200, Stanhope St. $2,133, 75th St. $11,874, Abington Rd. $4,714, Willow Ave. $10,337, and 85th Ave. $4,005; from Highway Impvt. Co., 50 Church St., New York City, sheet asphalt paving 3rd Ave. $16,778, 103rd St. $12,233, Abingdon Rd. $13,998, from Sicilian Asphalt Paving Co., 38 Park Row, New York City, 11th Ave. $20,883, and 11th Ave. $32,803, from Uvalde Asphalt Paving Co., 1 Bway., New York City, Pulaski St. $3,794, Clermont Ave. $18,245, and Broad St. $30,490. Noted Nov. 25.

New Jersey—State Hy. Comn., Trenton, Nov. 22, concrete paving 14,535 sq.yd. road between Ocean City and Somers Point, Cape May Co., from W. Eisenberg, Smith-Austermuhl Bldg., Camden, $62,820. Noted Nov. 11.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, Nov. 23, from Duffin Bros., Penn and Womrath Sts., grading Hellerman and Marsden Sts. $6,503, and O St. $1,170, from W. H. Riddle, 1110 South 31st St., Island St. $3,073; from Eastern Asphalt Co., Penn Bldg., asphalt paving (assessment work), Ashford and 74th Sts. $19,242, and Cheltenham St. $56,489, from Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., Charles and Valley Sts. $9,158, from Barber Asphalt Co., 239 North 30th St., Crispin St. $4,272, from Union Paving Co., 123 South 21st St., Sedgwick St. $3,081, 66th St. $13,674, and asphalt repaving 9th St. $5,677, from C. G. Centrone, Bailey Bldg., Grays Ferry and Ellsworth Sts. $4,233, and improving Erwig (country) Rd. $7,616, Manatawna Rd. $3,563, and Park Rd. $2,244; from F. A. Caruso & Son, 804 South 12th St., asphalt repaving 3rd St. $24,148; from Mazzola & Marano, 739 South 7th St., improving D Rd. $2,550, and N Rd. $775, from Curtis Bros., State and Unruh Rds., Eden Rd. $4,606; and from M. and J. B. McHugh, 892 North Markoe St., paving and repaving certain alleys in Highway Dists. 2 and 6, $2,851; also from F. T. Buckins, Jr., 4050 Kensington Ave., constructing sewer in Frankford St., $35,807. Noted Nov. 18.

Md., Baltimore—Bd. Awards, Nov. 24, sheet asphalt paving 10,500 sq.yd. streets listed in Contr. 379, from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $44,227. Noted Nov. 18.

Florida—State Road Dept., Tallahassee, concrete paving 14.96 mi. Project 47, St. Johns Co., from J. B. McCrary Eng. Co., Bankhead Ave., Atlanta, Ga., $393,676, and 3.5 mi. Project 674, Duval Co., from Nelson Bros., Clearwater, $115,554; broken stone base 2 paving 2.14 mi. Project 37-D, Alachu Co., from L. M. Gray, Gainesville, $29,631, and 7.14 mi. Project 648, Hardee Co., from W. P. McDonald Constr. Co., Lakeland, $95,612; concrete curbing and broken stone base 2 paving 14.26 mi. Project 571, Madison Co., from Duval Eng. & Constr. Co., Dyal Upchurch Bldg., Jacksonville, $215,263; clearing and grubbing 8.22 mi. Projects 718 and 587, Columbia Co., from C. G. Kershaw Co., St. Augustine, $63,170 and $24,706 respectively, 13.46 mi. Project 653, Broward Co., from H. D. Spangler Co., Miami, $69,069, 9 mi. Project 640-A, from S. J. Groves & Sons Co., Orlando, $73,739, and 11.8 mi. Project 640-B, from Lakeworth Constr. Co., Lakeworth, $114,320, both Martin Co., also 12.43 mi. Project 698, Leon Co., from Curtis & Gubbins, Cedar Key, $139,716. Noted Nov. 4.

Louisiana — State Hy. Comn., Baton Rouge, Nov. 18, paving 13.67 mi. Baton Rouge-New Orleans Highway, East Baton Rouge Parish, from Janes Contg. Co., 805 Trunck St., Dallas, Tex., bituminous concrete $422,401, and sheet asphalt $456,931; and from R. G. Lassiter & Co., Louisiana Natl. Bank Bldg., Baton Rouge, warrenite bitulithic $498,200. Noted Oct. 28.

O., Cincinnati — Comrs. Hamilton Co., Nov. 19, grading and tar bound macadam repaving, etc. 10,700 sq.yd. Carthage, from Byrnes & Conway, Hagen Bldg., $21,886. Engrs. est. $25,004. Noted Nov. 18.

Ind., Evansville—Comrs. Vanderburgh Co., Nov. 22, bituminous macadam paving Big Cynthiana Rd., from Shafer & Stinchfield, Evansville, $101,099. Engrs. est. $109,642. Noted Nov. 11.

Michigan—H. G. Oakes, resident engr., Cadillac, Nov. 18, two course graveling 13. mi. T. L. 20-3 Sect. B, 16 ft., Lake Co., from Anderson & Dean, Tustin, for State Hy. Dept., Lansing, $182,000.

Minn., St. Paul—Grading, etc. Lower Afton Rd. between point on Douglas Rd. and east city limits, from M. Wunderlich, 1171 Charles St., $30,265; and grading, graveling, etc. 3 sections White Bear Ave. and Hazel Ave., from D. W. Moore, 888 Edmund St., $44,000.

Ark., Rogers—H. H. Miller, secy. Paving Dist. 13, grading, curbing, guttering, sewers, removing sidewalks, and 6 in. concrete paving 28,635 sq.yd. various streets, from V. E. Koch, 417 Joplin St., Joplin, Mo., $87,983; and E. H. Locher, Okmulgee, Okla., $88,451. Noted Nov. 4.

Tex., Pampa—Concrete paving 31,000 yd. various streets, from Stuckey Constr. Co., P. O. Box 1445, Wichita Falls, $100,900.

Colorado—State Hy. Dept., Denver, Nov. 3, graveling, etc. 4.351 mi. Highway 1, Federal Aid Project 296-B, Pueblo Co., from Cole Bros., 447 Thatcher Bldg., Denver, $58,061. Noted Oct. 28.

Calif., Azusa—City Trustees, curbing, guttering, walks and oil macadam paving, etc. Fairmount Heights Tract, from W. F. Peck, 1110 North Los Palmas St., approximately $85,650. Noted Nov. 4.

Calif., Beverly Hills—City Trustees, from Griffith Co., Railway Bldg., Los Angeles, improving Carson Rd., Hamel Dr., etc., 424,445 sq.ft. grading $38,300, 353,775 sq.ft. 5 in. Warrenite paving at $0.228 per sq.ft., 54,543 sq.ft. 6 in. guttering $0.27, 12,392 sq.ft. 8 in. guttering $0.30, 6,022 sq.ft. walks $0.21, 546 ft. curbing $0.55, and 1,736 sq.ft. 4 in. driveway $0.25.

Calif., Corona—For 2 in. macadam surfacing 140,500 sq.ft. various streets, from H. R. Postle, Van Nuys Bldg., Los Angeles, $0.049 per sq.ft.

Calif., Los Angeles—Supervs. Los Angeles, Nov. 22, from G. H. Oswald, 344 East 58th St., improving Atlantic Ave., Co. Impvt. 604, 13,888 cu.yd. excav. at $0.50 per cu.yd., 349,180 sq.ft. 7-10-10 in. concrete paving $0.23, and 157,919 sq.ft. 8 in. concrete paving $0.235, etc., total approximately $144,965; also from B. Boscoe, 304 Frost Bldg., improving portion Amestoy Ave., Co. Impvt. 412, 1,350 cu.yd. excav. $2, 125,824 sq.ft. concrete paving $0.195, etc., total approximately $39,765. Noted Nov. 11.

Calif., Los Angeles—From K. S. Littlejohn Co., 626 South Spring St, improving Florence Ave., grading $3,400, and 126,150 sq.ft. 8 in. concrete paving at $0.244 per sq.ft., etc., total $35,582; from G. H. Oswald, 366 East 58th St., Cimarron St. and Hyde Park Blvd. Impvt. Dist 813 lin.ft. curbing $0.50, 128 sq.ft. guttering $0.25, 3,721 sq.ft. sidewalk $0.15, 524,973 sq.ft. 6 in. concrete paving $0.19, etc., total $128,836.

Calif., Los Angeles — Los Angeles Co., from Hall-Johnson Co., 905 Westminster Ave., Alhambra, improving San Gabriel Blvd., 15,091 cu.yd. excav. at $0.30 per cu.yd., 28,640 ft. shape shoulders $0.015, 433,480 sq.ft. 2½ in. asphaltic concrete paving $0.07, 433,480 sq.ft. 4 in. asphaltic concrete base $0.094, 450,562 sq.ft. disintegrated granite and old macadam sub-base $0.03, etc., total $90,190, or 391,405 sq.ft. 6 in. concrete paving $0.20, 44,842 sq.ft. 8 in. concrete paving $0.24, 28,640 ft. shape shoulders $0.02, etc., total $107,697. Noted Nov. 11.

Calif., San Diego—Common Council, Nov. 22, from H. H. Peterson, Spreckels Bldg., improving Reynard Way, Curlew and Upas Sts., 19,296 sq.ft. concrete sidewalks at $0.205 per sq.ft., 3,963 lin.ft. concrete curbing $0.65, 2,916 cu.yd. excav. $0.45, etc., total $29,974; from Harris & Wearn, improving Reed, Oliver, Pacific Sts., etc., 11,981 cu.yd. excav. $0.40, 54,039 sq.ft. concrete sidewalk $0.18, 12,815 lin.ft. concrete curbing $0.56, 223,121 sq.ft. 5 in. concrete

SEWERS—CHICAGO, ILL.

Bids were opened by Sanitary District, Oct. 7, for constructing West Side sewage treatment works, Div. B, from (A) T. J. Forschner Contg. Co., 3153 Bryn Mawr Ave., (awarded contract); (B) Mid-Continent Constr. Co., 6 North Michigan Ave.; (C) Thomas Leroy Warner; (D) M. E. White Co., 1735 Fullerton St.; (E) Tully & Costello, 30 North La Salle St.; Mellon-Stuart Co., Pittsburgh, Pa., $3,248,822. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
25,000 cu.yd. removal of top soil	$0.70	$0.60	$0.69	$0.55	$1.50
125,000 cu.yd. earth excavation	1.10	.85	.97	.93	3.00
5 cu.yd. rock excavation	5.00	5.00	5.00	5.00	5.00
9,000 cu.yd. refilling and grading	1.00	.70	.60	.95	3.00
115,000 cu.yd. rolled embankment	.20	.20	.56	.60	3.00
1,000 cu.yd. replacing top soil	1.50	1.50	1.50	1.50	1.50
1,000 cu.yd. sand or gravel fill	4.00	4.00	4.00	4.00	4.00
100 M.ft. B.M. sheeting and timbering	40.00	40.00	40.00	40.00	40.00
2,000 cu.yd. concrete—Class A	11.50	10.00	10.30	8.00	15.00
25,000 cu.yd. concrete—Class B	12.00	12.00	11.22	12.50	20.00
30,500 cu.yd. concrete—Class C	17.00	19.50	19.46	24.25	30.00
8,000 cu.yd. concrete—Class D	29.00	28.75	43.70	46.40	15.00
500 cu.yd. concrete—Class E	15.00	15.00	15.00	15.00	15.00
1,000 bbl. additional cement	3.00	3.00	3.00	3.00	3.00
100 cu.yd. brick masonry	25.00	25.00	25.00	25.00	25.00
30,000 sq.ft. asphalt coating	.06	.03	.0225	.025	.50
12,000 sq.ft. sheet mastic, ½-in. thick	.40	.23	.20	.22	1.00
13,000 sq.ft. sheet mastic, ½-in. thick	.50	.27	.25	.28	1.00
7,500,000 lb. reinforcement bars	.05	.044	.0475	.041	.05
400,000 lb. reinforcement mesh	.07	.075	.0625	.075	.08
225,000 lb. miscellaneous wrought iron, ingot iron and steel	.11	.095	.15	.10	.15
300,000 lb. subway grating	.16	.11	.115	.1325	.40
75,000 lb. miscellaneous iron castings	.20	.11	.115	.13	.20
10,000 lb. galvanising	.06	.05	.05	.05	.05
2,500 lb. miscellaneous bronze, brass and copper	1.00	.90	1.00	.67	1.00
10 M. ft. B.M. miscellaneous woodwork	150.00	200.00	125.00	150.00	200.00
100 lin.ft. 8-in. vitrified sewer pipe	.75	1.00	2.25	1.80	1.30
100 lin.ft. 12-in. vitrified sewer pipe	1.50	1.75	4.00	2.45	1.50
770,000 lb. cast-iron pipe, bell and spigot	.07	.0775	.085	.08	.08
160,000 lb. cast-iron pipe, flanged	.09	.115	.145	.092	.12
360,000 lb. cast-iron specials, bell and spigot	.11	.15	.2225	.124	.20
570,000 lb. cast-iron specials, flanged	.14	.175	.21	.145	.18
45,000 lb. expansion couplings and elbows	.20	.23	.245	.267	.26

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	A	B	C	D	E
100 lin.ft. wrought-iron pipe and fittings 1-in. and smaller	.40	.53	.50	1.77	.40
6,000 lin.ft. wrought-iron pipe and fittings, 1¼-in. and 1½-in.	.60	.85	.78	1.55	.70
15,000 lin.ft. wrought-iron pipe and fittings, 2-in.	.75	1.08	.90	1.14	1.00
100 lin.ft. wrought-iron pipe and fittings, 2½-in. and 3-in.	1.20	2.00	1.65	3.06	1.80
1,500 lin.ft. wrought-iron pipe and fittings, 4-in.	5.00	3.45	4.80	6.46	4.00
12,000 lin.ft. brass pipe and fittings, 1-½in.	1.20	1.45	1.55	1.18	1.50
2,000 lin.ft. pipe railing	2.00	1.50	1.30	2.78	5.00
10 valves, 1-in. and smaller	2.00	2.30	2.50	3.06	3.00
250 valves, 1½ and 1½-in.	3.00	3.30	3.80	4.86	3.50
225 valves, 2-in.	4.00	4.90	5.00	6.84	5.00
10 valves, 2½ and 3-in.	15.00	17.50	19.50	22.00	15.00
5 valves, 4-in.	25.00	25.50	23.00	30.32	20.00
225 valves, 6-in.	60.00	64.50	72.00	75.80	40.00
225 valves, 8-in.	75.00	61.50	59.00	77.37	100.00
7 valves, 10-in.	100.00	106.00	100.00	96.20	200.00
2 valves, 18-in.	250.00	233.00	250.00	249.00	100.00
225 floor stands	50.00	71.50	88.00	90.68	100.00
36 6-in. sluice gates	70.00	71.50	78.00	63.75	70.00
Furnishing and removing pile driving equipment (lump sum)	1,500.00	1,650.00	4,500.00	2,000.00	4,000.00
12,000 l.n.ft. furnishing concrete piles	1.00	1.20	2.25	1.75	2.00
12,000 lin.ft. driving concrete piles	1.00	1.20	.60	.66	1.00
5,500 lin.ft. galvanized iron electric conduit, 1-in. and smaller	.43	.43	.25	.40	.43
2,000 lin.ft. galvanized iron electric conduit 1¼-in.	.64	.64	.35	.65	.64
14,000 lin.ft. galvanized iron electric conduit, 1½-in	.83	.83	.50	.80	.83
17,000 lin.ft. galvanized iron electric conduit, 2-in.	1.03	1.03	.60	1.00	1.03
375 lighting outlet boxes for ¾-in. conduit	1.15	1.15	.60	1.25	1.15
80 plug receptacle and switch outlet boxes for 1½-in. conduit	4.00	4.00	.70	4.25	4.00
75 plug receptacle and switch outlet boxes for 1½-in. conduit	6.00	6.00	.80	5.50	6.00
20 conduit expansion joints, 1-in. and smaller	9.00	9.00	.80	10.00	9.00
5 conduit expansion joints, 1½-in.	11.50	11.50	2.00	13.00	11.50
35 conduit expansion joints, 1½-in.	14.50	14.50	1.80	15.00	14.50
50 conduit expansion joints, 2-in.	21.00	21.00	2.00	22.00	21.00
15 pull boxes for 1½-in. power conduit	30.00	30.00	3.00	30.00	30.00
20 pull boxes for 2-in. power conduit	35.00	35.00	3.00	36.00	35.00
1,900 sq.ft. sidewalk lights	4.00	3.75	3.90	3.85	4.00
15 metal doors	150.00	137.50	135.00	161.00	130.00
Engineer's office (lump sum)	3,600.00	4,350.00	5,595.00	5,450.00	8,000.00
Extended totals	$2,151,971	$2,172,799	$2,421,483	$2,505,037	$3,466,946

Streets and Roads (Continued)

paving $0.17, 20,403 sq.ft. 2 in. macadam paving $0.10, etc., total $73,784. Noted Nov. 11.

Calif., Stockton—From Clark & Henery Constr. Co., Chancery Bldg., San Francisco, improving various streets in Yosemite Subdivision, 5,409 cu.yd. cut at $0.75 per cu.yd., 16,156 ft. curbing and guttering, $1, 80,506 ft. cement walks $0.185, 274,430 sq.ft. 1½ in. Warrenite on 2½ in. asphalt surfacing $0.1995, etc., total approximately $93,665. Noted Sept. 9.

Contracts Awarded

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 4,567 ft. highway in Agawam, to D. O'Connell Sons, Holyoke $39,249, and 3,372 ft. in Quincy, to E. C. Sargent, Quincy, $54,413; gravel surfacing with bituminous macadam treatment 10,604 ft. in Peru and Worthington, to B. Perini & Son, Ashland, $79,392. Grand total $173,054. Noted Nov. 25.

Mass., Boston—Dept. Pub. Wks., sheet asphalt paving Park Sq., etc., to J. C. Coleman & Sons Co., 1620 Tremont St., Roxbury, $50,290. Noted Nov. 25.

N. Y., New York—Park Bd., F. D. Gallatin, pres., at office Dept. Parks, Arsenal Bldg., Central Park, grading and asphalt repaving Harlem River Driveway and High Bridge Park, to Asphalt Constr. Co., 208 Bway., $45,090. Noted Nov. 25.

N. J., Keansburg—Boro Council, grading, curbing and 8 in. rein.-con. paving 20,000 sq.yd. Carr Ave., to Liddle & Pfeifer, 220 Smith St., Perth Amboy, $89,147. Noted Nov. 11.

Pennsylvania—State Hy. Dept., Harrisburg, (**A. means Application and R. means Route**), one course rein.-con. paving 2,235 sq.yd. R.96., McKean Co., to D. L. Dennis, Galeton $12,110, 48,661 sq.yd. R.100, A.4292, McKean Co., to J. Welsner & Son, St. Marys $190,581, 69,426 sq.yd. R.153, Bucks and Lehigh Counties, to Cox & John, Malvern $297,905, 21,800 sq.yd. R.52, A.3725 and 3726, Somerset Co., to M. Barber, Binghamton, N. Y. $91,632, 29,918 sq.yd. A.2003-B, York Co., to York Eng. & Constr. Co., York $122,329, 33,651 sq.yd. R.175, Sect. 4, A.3364, Northampton Co., to Lincoln Constr. Co., Strafford $110,953, 22,638 sq.yd. R.221, A.4241, Cambria Co., to Paul Constr. Co., Cresson $92,799, 6,553 sq.yd. A.4117, Chester Co., to Bunleary Bros. Co., Coatesville $28,132, 10,800 sq.yd. A.4298, Lehigh Co., and bituminous on broken stone paving 8,576 ft. R.464, A.3925-3926, Schuylkill Co., to Swanger & White, Lebanon $51,279 and $86,792 respectively, and 5,530 ft. A.4262, Mifflin Co., to J. M. Hutchinson, Altoona $17,061. Grand total $1,101,573. Noted Sept. 16 and Oct. 28.

Md., Baltimore—Bd. Awards, grading, curbing, and sheet asphalt paving 10,750 sq.yd. streets listed in Contr. 378, to Amer. Paving Co., Montebello Ave., $48,513. Noted Nov. 25.

W. Va., New Cumberland—Grading, etc. 3 mi. Lincoln Highway, 20 ft., to Banham-Edwards Constr. Co., Clarksburg, $100,756. Engrs. est. $100,000.

N. C., Goldsboro—Wayne Co. Hy. Comn., grading, etc., 8 mi. roads, to Mulligan Constr. Co., North Wilkesboro, $16,488. Noted Nov. 4.

S. C., Blacksburg—Town Council, sheet asphalt on 5 in. concrete paving 14,000 sq. yd. various streets, to Carolina Contg. Co., Spartanburg, $42,300. Noted Nov. 11.

Fla., Jacksonville—City Comn., 2 in. oil asphalt on 6 in. concrete paving Phoenix Ave. and College, Dellwood, and Hogan Sts., also 2 in. natural lake asphalt on 6 in. concrete paving Myra, Margaret, and Liberty Sts., to Morgan Hill Paving Co., Graham Bldg., $147,261; vitr. brick on limerock paving 20,700 sq.yd. Bowen Ave. and 10 streets, to W. J. Bryson Co., 239 West Adams St., $231,851; 6 in. concrete with bituminous material paving 3 avenues and 4 streets, also 7 in. concrete paving 4 streets, to Capitol Concrete Co., $56,471. Grand total $435,583. Noted Nov. 11.

Alabama — State Hy. Comn., Montgomery, sand clay surfacing 8.856 mi. Enterprise-Ozark Rd., to J. E. Newberry, Dothan, $67,705 engrs. est. $68,000, and 12.063 mi. Elba-Opp Rd., to Gillis Constr. Co., Brewton, $64,285 engrs. est. $65,000, both 18 ft., Coffee Co.; also gravel surfacing 5.19 mi. road which forms eastern bridgehead of Mobile Bay Bridge, 30 ft., Baldwin Co., to Collins & Hicks, Milton, $42,937 engrs. est. $43,000. Grand total $174,927. Noted Oct. 28.

Miss., Brookhaven — Grading and Warrenite bitulithic on 6 in. concrete paving 5,942 sq.yd. West Cherokee and West Whitworth Sts., to Dunn Constr. Co., Inc., Chamber of Commerce Bldg., Birmingham, Ala.

Louisiana — State Hy. Dept., Baton Rouge, graveling 4.515 mi. Federal Aid Project 166-B, Catahoula Parish, to Kirby & Dayton, Jonesville, $17,475, 4.515 mi. same road, to Glen Hill Gravel Co., Grayson, $8,067, and 4.515 mi. same road, to Rapides Gravel Co., Alexandria, $8,067; also steel riveted truss bridge and 10 ft. concrete approaches, on Federal Aid Project 85-A and B, Claiborne Parish, to Vincennes Bridge Co., Vincennes, Ind.

La., Baton Rouge — Improving Mengel and Louisiana Chemical Rd., Monte Sano Dist., incl. 18,450 sq.yd. warrenite bitulithic paving, to Southern Roads Co., 104 North 17th St., Birmingham, Ala., $28,023; grading, to Hearin, Andrews & Hearin, Baton Rouge, $9,508; pipe, to Concrete Pipe Co., Baton Rouge, $1,105; 8,000 cu.yd. gravel to Phoenix Gravel Co., $15,660; hauling gravel, to C. F. White, Southern Blvd., $4,680; and furnishing 8,000 cu.yd. gravel, to Phoenix Gravel Co., Baton Rouge, $15,660. Grand total $58,976. Noted Oct. 7.

Kentucky—State Hy. Dept., Frankfort, (**F. A. P. means Federal Aid Project and S. A. P. means State Aid Project**), grading, etc., 6.3 mi. Russell Springs-Liberty Rd., F. A. P. 142-B and C, Casey and Russell Counties, to Ring Bros., Somerset, $77,366; 9.5 mi. Campton-West Liberty Rd., S. A. P. 29-A, Morgan Co., to G. Ellington & Co., West Liberty, $100,821; 4.5 mi. Calhoun-Beech Grove Rd., S. A. P. 2½-A, McLean Co., to Ellis & Kelley, Owensboro, $37,583; 8.3 mi. Louisa-Sandy Hook Rd., S. A. P. 49-B, Lawrence Co., to Albert Bros., Marion, N. C., $194,809; 6 mi. Hazard-Whitesburg Rd., F. A. P. 128-F, Knott Co., to Hart & Cooper, Whitesburg and Louisa, $127,502; 10.1 mi. McKee-Manchester Rd., S. A. P. 30-B, Clay and Jackson Counties, to Garrard & Walker, Manchester, $111,796; 11.8 mi. Leitchfield-Caneyville Rd., S. A. P. 66-A, Grayson Co., to Johnson & Pate, Lewisport, $100,001; 3.6 mi. Wickliffe-Bardwell Rd., F. A. P. 131-G, Ballard Co., to G. E. Stoner, Charleston, Mo., $37,020; and 9.8 mi. Wickliffe-Paducah Rd., S. A. P. 8-A, Ballard Co., to Carter, Carter & Braden, Clay, $109,488. Grand total $896,386. Noted Nov. 25.

O., Cincinnati — Comrs. Hamilton Co., grading and tar bound macadam repaving 27,600 sq.yd. South Rd., to Craig & Jordan, Blanchester, $55,243. Engrs. est. $66,308. Noted Nov. 11.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete paving Route 20, Sect. 14-W-2, McHenry Co., to E. H. Merrick, McHenry $2,707, Route 24, Sect. 2-W, Christian Co., to W. F. Sell, Pana $10,886, and Route 12, Sect. 33, St. Clair Co., to L. Rich Constr. Co., East St. Louis $78,621; concrete substructure for 50 ft. span bridge on Route 12, Sect. 33-B, and steel sub-structure for 50 ft. span on Route 12, Sect. 33-C, both St. Clair Co., to Vincennes Bridge Co., Vincennes, Ind., $6,980. Grand total $99,194.

Ia., Adel—Dallas Co., to N. E. Hendricks, Scranton, improving Dists. 62, 63, 65 and 68, 21,735 cu.yd. excav. at $0.28 and $0.30 per cu.yd., also 50,940 cu.yd. ½ mi. haul $0.07. Noted Oct. 28.

Ia., Fairfield—Jefferson Co., 6 in. concrete paving 116,619 yd. primary road west of here, to Des Moines Asphalt Paving Co., 2nd and New York Sts., Des Moines, $255,518. Noted Nov. 11.

Ia., Osceola—Clarke Co., to Naylon Bros., Omaha, Neb., improving Federal Aid Project 241-C, 174,544 cu.yd. excav. at $0.24 per cu.yd., 100 ft. loose rock $1.50, and 100 ft. solid rock $2.50, 174,600 sta.yd. overhaul $0.02, 800 ft. 15- to 24-in. culvert labor $0.40-$0.50. Noted Oct. 28.

Ia., Ottawa—Wapello Co., grading and 6 in. concrete paving, etc., 115,102 yd. primary road east of here, to Harrison Eng. & Constr. Corp., Mutual Bldg., Kansas City, Mo., $302,994. Noted Nov. 11.

Kan., Baxter Springs—For 6 in. rein.-con. paving 9 blocks various streets, to Fry Bros., Iola, $36,380. Noted Sept. 16.

Kan., Emporia—Lyons Co., concrete paving, etc., 42,240 sq.yd. Federal Aid Project 260-A, to Koss Constr. Co., foot Des Moines St., Des Moines, Ia., $139,559. Noted Oct. 21.

Kan., Kansas City—Wyandotte Co., improving 1.12 mi. Randall Rd., to Davidson Constr. Co., Kansas City, Mo., $35,467. Noted Nov. 4.

Kan., Olathe—Johnson Co. paving 69,389 sq.yd. Federal Aid Project 315-C, to Cook & Stucker, Ottawa, $265,374. Noted Oct. 28.

Kan., Ottawa — Franklin Co., grading, etc., 7.016 mi. Federal Aid Project 273-B, to A. L. Cook, Ottawa, $44,486. Noted Oct. 21.

Missouri — State Hy. Dept., Jefferson City, to M. E. Gillioz, Monett, hauling gravel for 12.37 mi. road from Lebanon south, Laclede Co. $14,380; 18 ft. graveling, etc., 3.5 mi. road from Dixon south, Pulaski Co. $34,101, and 30 ft. grading 3.5 mi. road from Tuscumbia south, Miller Co. $49,450, to S. Henke, Jefferson City, 6.1 mi. road from Tuscumbia north, Miller Co. $36,679, to Perry McGlove, Archie, 4.147 mi. road from Pleasant Hill east, Cass Co. $31,688, to O'Hagan-McVicker Co., Kansas City, 3.977 mi. same road $17,525, to H. A. Worman, Pittsfield, Ill., 3.49 mi. road from Warrenton north, Warren Co. $22,576, to J. L. Simmons Constr. Co., LaPlata, 1.846 mi. Hamilton-Kingston Rd., Caldwell Co. $7,717, to J. A. Kerr Co., Ozark, 4.886 mi. Caboal-Howell Co. line Rd., Texas Co. $13,350, to Maney Bros. & Co., Ava, 3.428 mi. Mt. Grove-Caboal Rd., Texas Co. $13,428, 1.978 mi. Salem-Licking Rd., Dent Co. $4,897, 4.499 mi. same road $44,203, 3.478 mi. Norwood-Mt. Grove Rd., Wright Co.

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Streets and Roads (Continued)

$10,886, 7.123 mi. same road $23,202; to J. F. Morris, Oregon, 30 ft. grading, etc., 3.828 mi Maryville-Ravenwood Rd., Nodaway Co. $34,025, and 3.549 mi. same road $30,412, to C. P. O'Reilly Co., St. Louis, 7.556 mi. road from Warsaw north and south, Benton Co. $83,996, to Koss Constr. Co., Des Moines, Ia., 0.348 mi. road from Galena south, Stone Co. $18,959, to G. W. Condon Co., Omaha, Neb., 9.4 mi. road from Tarkio north, Atchison Co. $70,124, to F. Kersting Co., Jefferson City, 7.67 mi. road from Versailles west, Morgan Co. $41,313; and to C. I. Williams, Monett, 847 ft. guard rail for Carthage-Springfield Rd., Greene Co. $635, and 1,988 ft. for road from Marshfield east and west, Webster Co. $1,491. Grand total $582,917. Noted Nov. 18.

Arkansas—Cities of Hoxie and Walnut Ridge, grading and Bates type concrete paving 1.65 mi. road between both cities, to H. E. Brown, 1215 East Washington St., at $2.35 per sq.yd., furnishing sand and gravel, to Energy Coal & Supply Co., Poplar Bluff, Mo.; cement, to Kansas Portland Cement Co., and Lehigh Portland Cement Co., foot East 6th St., Little Rock; also steel and expansion joints, to Fisher Lime & Cement Co.

Tex., San Antonio—Bexar Co., ¼ in. compacted inverted penetration asphalt surface treating 1.5 mi. Basse Rd., Robertson and McCullough Aves.; also rebuilding 5 miles Webber Rd., to Colglazier & Hoff, 922 Austin St., $25,188.

Tex., Wichita Falls—Curbing, guttering and 2 in. sheet asphalt paving Broad, 6th, 7th, Bluff and Burnet Sts., to Plains Paving Co., c/o Staley Bldg., approximately $33,000, aiso 6½ in. rein.-con. paving Harrison Ave., 7th, Bluff and 12th Sts., to L. E. Whitham & Co., Wichita Falls, approximately $28,000.

Okla., Thomas—Grading, curbing and concrete paving 8,890 sq.yd. Main St., to Ward-Beekman & Brooks, 1809 East 9th St., Oklahoma City, $26,378. Engrs. est. $28,400. Noted Oct. 28.

Okla., Wewoka—Grading, curbing, guttering and concrete paving 14,870 sq.yd. Dist. 7, to Hansen & Pearce, Newkirk, $57,102. Engrs. est. $57,625. Noted Nov. 11.

Utah—State Hy. Dept., Salt Lake City, graveling, etc. 3.82 mi. Project 65-B, Utah Co., to James & Bate, Salt Lake City, $65,621.

Wash., Charleston — City Council, concrete paving, etc., Naval and Roosevelt Aves., also 7th, 8th, 9th, 10th Sts., etc., to H. E. Olds, 3111 North 24th St., Tacoma, $31,451. Noted June 17.

Oregon—State Hy. Comn., Salem, concrete paving, etc. 4.814 mi. Project 127-B, Josephine Co., to Schell & Rhodes, Oakland, $47,390.

California—Grading and graveling 3.45 mi. road from Fernley to point 3 mi. east in Lyon Co. and 0.74 mi. in Washee Co. from Wadsworth east, to J. N. Tedford, Fallon, Nev. $26,031.

Calif., Chico—Asphaltic concrete paving, etc., Park and South Main Sts., etc., to J. E. Johnston, E and Webber Sts., Stockton, $92,655. Noted Nov. 18.

Calif., Los Angeles—Curbing, guttering, walks and concrete paving, etc., Newell St. between Ripple St. and Riverside Dr., to Tryon & Brain, California Bldg., $80,630.

Calif., Los Angeles—Grading, walks, concrete and asphaltic concrete paving, etc., Angeles Mesa Dr., to Griffith Co., Railway Bldg., approximately $152,850. Noted Nov. 25.

Calif., Los Angeles—Curbing, sidewalks and concrete paving Alsace St., to J. and P. Cristich, 1817 East 3rd St., $318,555. Noted Nov. 25.

Calif., Sacramento—Sacramento Co., Willite asphaltic concrete paving approximately 0.6 mi. Power Line Rd., to Teichert & Sons, 1846 37th St., $157,225. Noted Nov. 18.

Calif., Santa Monica—City Trustee, D. B. Wynne, city clk., grading, curbing, walks and Warrenite paving, etc. Lincoln Blvd., to Kneen Paving Co., Dudley Blk., approximately $178,376. Noted Nov. 25.

Ont., Toronto—City Council, warrenite bitulithic on concrete paving Hazelwood and McMillan Aves., to Asphaltic Concrete Co., Excelsior Life Bldg., $7,226; asphalt on concrete paving Glen Rd. and DuVernet Ave., to Kilmer & Barber, 10 Adelaide St. E., $10,795; asphalt surfacing Grange Ave., to Constructing & Paving Co., Confederation Life Bldg., $7,580, and Leone Ave. and Ridge Dr., to Godson Constr. Co., 203 Richmond St. E. $18,339. Grand total $43,940.

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Buildings—Commercial,

Proposed Work

Me., Augusta — BANK — First Natl. Granite Bank, c/o T. M. James Co., archt., 3 Park St., Boston, Mass., having preliminary plans prepared altering and constructing 2 story and basement, rein.-con., brick and steel addition, 244 Water St. $150,000.

Vt., Rutland — STORE and OFFICE — Rutland News Co., c/o A. F. Smith, archt., Gryphon Blvd., having preliminary plans prepared 3 and 4 story and basement, brick and stone, plain foundation, Merchants Row. $150,000.

Mass., Boston—CLUB—West End Community House, 38 Chambers St., plans club, West End Dist. $150,000. Engineer and architect not selected.

Mass., Boston — OFFICE — Edison Electric Illuminating Co. of Boston, 39 Boylston St., having sketches made by Bigelow & Wadsworth, 120 Tremont St., altering and reconstructing 6 story and basement, 3,320 sq.ft. space per floor, brick, 180 Tremont St. and Head Pl. $150,000 or more.

Mass., Cambridge (Boston P. O.) — BANK and OFFICE—Central Trust Co., W. .G Davis, pres., having revised plans prepared by Monks & Johnson, 99 Chauncy St., Boston, and soon takes new bids, 6 story and basement, 90 x 100 ft., brick, stone and steel, plain foundation, 513 Massachusetts Ave. $500,000. Former bids rejected. Noted Nov. 4.

Mass., Chelsea (br. Boston)—APARTMENT—P. Widetsky, 101 Franklin St., having plans prepared by Schein & Levine, 448 Bway., 3 and 4 story and basement, 40 x 100 ft., and 50 x 110 ft., brick and stone, plain foundation, Murray St. $160,000.

Mass., Malden (Boston P. O.)—DORMITORY—H. E. Sawyer Corp., 22 Parker St., having plans prepared by T. E. Ellis, 26 Phillips St., Watertown, altering and constructing 2 story and basement, brick addition. $150,000.

Mass., Medford (br. Boston) — THEATRE — Owner, c/o W. W. Drummey, archt., 80 Boylston St., Boston, having sketches made 1 story and basement, 100 x 175 ft., brick and steel, Main St. $285,000.

Mass., Weymouth — THEATRE — A. L. McGrory, 15 Central Ave., having revised plans prepared by J. E. Kelly, 31 West St., Boston, 1 story and basement, brick and steel, plain foundation, Commercial St. $150,000. Former bids rejected. Noted Oct. 14.

Mass., Worcester — HOME — St. Francis Aid Society having sketches made by O. E. Nault, 48 Hamilton St., altering and constructing 3 story and basement, brick and stone addition, plain foundation. $150,000.

R. I., Providence — THEATRE and STORE — P. E. McDonald, 168 Canal St., Boston, Mass., having plans prepared by L. B. Foster, North Main St., Mansfield, Mass., theatre and store. To exceed $150,000.

R. I., Watch Hill (Ind. sta. Westerly)—COUNTRY CLUB—Masonic Country Club, c/o C. Owens, doctor, High St., Westerly, having plans prepared by Amer. Industries Eng. Co., engrs. and archts., 90 West St., New York City, large country club, incl. architectural and landscape work for golf links, here. $1,250,000.

Conn., Hartford — APARTMENTS — Owner, c/o I. Salone, 371 Washington St., had plans prepared by J. E. Marchette, 721 Main St., two 4 story, 68 x 85 ft., brick and stone, Hudson St. $150,000 or more.

Conn., Hartford—ORPHAN ASYLUM—Hartford Orphan Asylum having preliminary sketches made by G. Atterbury, 139 East 53rd St., New York City, orphan asylum.

Conn., New Haven—CITY HALL—City, J. B. Tower, mayor, plans new city hall, Orange St. To exceed $150,000. Engineer and architect not selected.

Conn., New Haven—HOTEL—Syndicate, c/o M. W. Wetzler, 614 Chamber of Commerce Bldg., having sketches made by G. B. Post & Son, engrs. and archts., 101 Park Ave., New York City, 350 room hotel. $500,000.

N. Y., Albany—Y. M. H. A. having plans prepared by H. Rogers, 467 Bway., 2 story, brick, steel and concrete, 111 Washington Ave. $250,000.

N. Y., Brooklyn — THEATRE and OFFICE — Weingard & Greenbaum, 503 Eastern Parkway, having plans prepared by C. A. Sandblom, 145 West 45th St., New York City, 3 story, 95 x 325 ft., brick, steel and stone, plain foundation, Fulton S $350,000.

N. Y., Larchmont — APARTMENT — Owner, c/o G. Keister, archt., 56 West 45 St., New York City, soon takes bids 6 sto brick, steel and stone, plain foundatio Boston Post Rd. $250,000.

N. Y., New York — APARTMENT — Dyckman-Arden Realty Co., c/o S. Oppenheim, archt., 156 East 42nd S having plans prepared 6 story, brick, ste and stone, plain foundation, Nelson Av $250,000.

N. Y., New York — APARTMENT — Galewski, c/o Gronenberg & Leuchtag archts., 1385 Bway., having plans prepared 15 story, brick, steel and stone, plain foundation, 441 Central Park West $1,500,000.

N. Y., New York—APARTMENT—Maywill Operating Corp., c/o C. Kreymborg & Son, archts., 2534 Marion Ave., having plans prepared 6 story, 175 x 175 ft., brick, steel and stone, plain foundation, Boscobel Pl. $500,000.

N. Y., New York — APARTMENT — Twenty-Nine Washington Square Corp., c/o Gronenberg & Leuchtag, archts. and engrs., 1385 Bway., having plans prepared 15 story, 88 x 125 ft., brick, steel and stone, plain foundation, Washington Sq. West and Waverly Pl. $1,000,000.

N. Y., New York—APARTMENT—F. L. Fisher Co., 17 East 42nd St., soon takes bids 6 story, brick, steel and stone, plain foundation, East 51st St. $300,000. H. C. Starr, 681 5th Ave., archt.

N. Y., New York — APARTMENT — Owner, c/o G. Swiller, archt., 4215 3rd Ave., having plans prepared 5 story, 90 x 210 ft., brick, steel and stone, plain foundation, East 184th St. $200,000.

N. Y., New York—APARTMENT—Up-to-Date Development Corp., c/o Springsteen & Goldhammer, archts., 32 Union Sq., having plans prepared 6 story, brick, steel and stone, plain foundation, Morris Ave. $250,000.

N. Y., New York—CLUB—New York Athletic Club, 58 West 59th St., A. J. Kerwin, Jr., secy., having revised plans prepared by York & Sawyer, 100 East 42nd St., 25 story, brick, steel and stone, plain foundation, 7th Ave., 58th and 59th Sts. $7,500,000. Noted Sept. 30.

N. Y., New York—HOTEL—One Hundred Fifty Riverside Drive Corp., c/o M. Deutsch, archt., 35 Maiden Lane, having plans 15 story, 100 x 157 ft., brick, steel and stone, plain foundation, Riverside Dr. and 87th St. $1,500,000.

N. Y., New York—LOFT and OFFICE—Bruck-Weiss Millinery, Inc., 6-8 West 57th St., soon takes bids brick, steel and stone, plain foundation, 20-22 West 57th St. $200,000. Van F. Pruitt, 342 Madison Ave., archt. W. J. Thomas, 101 Park Ave., engr. Noted Nov. 11.

N. Y., New York—OFFICE—Owner, c/o Shampan & Shampan, archts., 188 Montague St., Brooklyn, having plans prepared 20 story, brick, steel and stone, plain foundation, West 29th St., here. $1,000,000.

N. Y., New York—OFFICE—See "Buildings—Industrial."

N. Y., New York—THEATRE and OFFICE—Rose Marie, Inc., A. Hammerstein, pres., 1650 Bway., soon takes bids 15 story, 100 x 150 ft., brick, steel and stone, plain foundation, 211 West 53rd St. $1,500,000. H. J. Krapp, 1 West 47th St., archt. Noted June 3.

N. Y., New York—WAREHOUSE—Dunham & Reid, Inc., 311 East 62nd St., soon takes bids 8 story, 50 x 100 ft., rein.-con., brick and steel, plain foundation, 216-18 West 47th St. $350,000 . G. S. Kingsley, 145 West 41st St., archt.

N. Y., New York—WAREHOUSE—A. J. Morgan, 232 West 47th St., having sketches made by G. S. Kingsley, 145 West 41st St., 10 story, 90 x 200 ft., rein.-con., brick and steel, plain foundation, 510 West 21st St. $1,500,000.

N. Y., Rye Beach (mail Rye)—CASINO and THEATRE — Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, E. Macy, in charge, having plans prepared by Walker & Gillette, 128 East 37th St., New York City, brick, steel and stone, plain foundation, Manursing Island, here. $1,000,000.

N. J., Atlantic City — APARTMENT HOTEL—C. H. Roberts, archt., 112 South 16th St., Phila., Pa., soon lets contract 10 story and basement, 54 x 94 ft., rein.-con. and brick, 117 South Illinois St., here. Owner's name withheld.

N. J., Wildwood — AUDITORIUM and STORE—Holly Block Realty Co., soon lets contract 1 story and basement, 162 x 200 ft., rein.-con., brick and steel, plain foundation, Boardwalk between Spencer and Young Aves. L. H. Buyer, Woolworth Bldg., archt.

Buildings—Commercial (Continued)

Pa., Phila.—OFFICE and WAREHOUSE—Phila. Wholesale Drug Co., 645 North Broad St., having plans prepared by Rankin & Kellogg, 1805 Walnut St., 7 story and basement, steel and concrete, plain foundation, 10th and Spring Garden Sts. Noted Sept. 16.

Pa., Pittsburgh — APARTMENT — I. A. Simon & B. J. Garfunkel, 5547 Beacon St., having plans prepared by Marks & Kann, Home Trust Bldg., 3 story and basement, brick and steel, Morewood Ave. $150,000.

N. C., Asheville—OFFICE—S. H. Kress Co. plans 6 story and basement, Patton and Lexington Aves. $200,000.

N. C., Kingston — HOTEL — Syndicate (being formed) having plans prepared by H. Hunter, High Point, brick and stone hotel. $300,000.

Fla., Venice—THEATRE—N. B. Estes, Woolworth Bldg., Orlando, having plans prepared by Walker & Gillette, 128 East 37th St., New York City, and H. Gill, associated archt., Venice, brick, stone and steel, plain foundation, Venice Ave. $175,000.

La., New Orleans—HOTEL—Wogan & Bernard, archts., Title Guarantee Bldg., takes bids first part December, 14 story, 62 x 96 ft. addition, wood pile foundation, Royal St., for Monteleone Hotel Co., Royal and Iberville Sts. $1,000,000. Aus Gunvald Co., 244 Madison Ave., New York City, engrs.

Miss., Jackson — WAREHOUSE and RESIDENCES—See "Unclassified."

O., Alliance — THEATRE — Morrison Theatre Co. having plans prepared by C. C. and E. A. Weber, Ingals Bldg., Cincinnati, 3 story and basement, 50 x 110 ft., brick and rein.-con., plain foundation. $150,000.

O., Lakewood (br. Cleveland)—STORE, AUTO SALES and SERVICE, etc. — M. Margolin, 1489 East 106th St., Cleveland, had plans prepared 3 story, 63 x 120 ft., brick, steel and concrete, Waterbury and Madison Aves., here. $200,000. Private plans.

O., New Philadelphia—THEATRE—Elks Lodge plans 4 story and basement theatre, 1,200 seating capacity, East High St. $200,000.

Ind., Ft. Wayne—TERMINAL and OFFICE—Indiana Service Corp., R. E. Feustel, pres., having plans prepared rein.-con., brick and steel traction terminal and office building. $250,000. Private plans.

Mich., Detroit—THEATRE—A. Bzovi, 17 Union St., Ecorse (mail Detroit), had plans prepared by C. W. Brandt, 1114 Kresge Bldg., 2 story and basement, rein.-con., brick and steel, plain foundation, Grand River Ave. and Division Rd. $150,000.

Mich., Muskegon—NEWSPAPER—Booth Publishing Co., c/o Muskegon Chronicle, having plans prepared 2 story and basement, 110 x 140 ft., rein.-con., brick and steel, plain foundation, 3rd and Clay Sts. $150,000. Engineer and architect not announced.

Ill., Chicago — APARTMENT — W. L. Wallen & Sons, 6721 North Clark St., having plans prepared by R. F. France & Co., 155 North Clark St., and takes bids about Dec. 8, 3 story and basement, 110 x 150 ft., brick and stone, Sherwin and Ashland Aves. $275,000.

Ill., Chicago—APARTMENT—Syndicate, c/o C. W. Christensen, archt., 134 North La Salle St., having sketches made 9 story and basement, 100 x 150 ft., rein.-con., brick and stone, Jarvis Ave. near Sheridan Rd. $750,000.

Ill., Edgewater (Chicago P. O.) — APARTMENTS and GARAGE — G. F. Henry, 201 East Delaware Pl., Chicago, plans two 12 story apartments, on 200 x 290 ft. site, also garage, 200 car capacity, Sheridan Rd. and Rosemont Ave., here. $5,500,000.

Ill., Freeport — TEMPLE — Masonic Temple Assn., L. L. Munn, chn., having preliminary plans prepared by Law & Law, Madison, Wis., 3 story and basement, 110 x 120 ft., rein.-con., brick and stone, Walnut and Stephenson Sts. $300,000.

Ill., Murphysboro — COURT HOUSE — Jackson Co. voted $375,000 bonds, 3 story, rein.-con., brick and stone court house. Noted Sept. 30.

Ill., Rockford—OFFICE and STORE—W. M. Talcott, 121 North Church St., and L. T. McMenemy, 110 North Michigan Ave., Chicago; takes bids about Jan. 1, 2 and 5 story, also additional floors up to 12 stores, 78 x 126 ft., rein.-con., brick and steel, West State St.

Wis., Janesville—SANATORIUM—Rock Co., J. A. Paul, chn. com. in charge, Milton Junction, plans 2 or 3 story and basement, brick and concrete, plain foundation, here. $200,000 bonds voted. Engineer and architect not selected.

Wis., Kenosha—THEATRE and HOTEL—Dayton Bros. take bids about Dec. 20, 5 story and basement, 125 x 125 ft., brick, steel and terra cotta, Elizabeth and Grover Sts. $500,000. W. P. Whitney, 822 West 70th St., Chicago, Ill., archt. Noted Nov. 11.

Wis., La Crosse—AUDITORIUM and COMMUNITY CENTER—City c/o W. S. Woods, chn. special com., 524 Batavian Bank Bldg., plans fireproof auditorium, etc. $300,000. Engineer and architect not selected.

Wis., Milwaukee — APARTMENT — Backes & Uthus, archts., 216 West Water St., take bids about Dec. 6, 4 story and basement, 50 x 100 ft., brick, tile and concrete, plain foundation, Sycamore and 20th Sts., for Jackson Apartment Co., c/o architects. $150,000.

Wis., Milwaukee — HOTEL — Company (being organized), c/o L. F. Thurwachter, chn. com., 502 Bethesda Court, plans rein.-con. and brick hotel, plain foundation. $200,000. Engineer and architect not selected.

Wis., Milwaukee—STORE and OFFICE—Forest Investment Co., c/o Wolff & Ramsthal, archts., 230 Grand Ave., having plans prepared 3 story and basement, 130 x 182 ft., rein.-con., brick and terra cotta, plain foundation, Forest Home Ave. $300,000.

Wis., Milwaukee — THEATRE — Forest Investment Co., c/o Wolff & Ramsthal, archts., 230 Grand Ave., had plans prepared 2 story and basement, 116 x 175 ft., brick, concrete and terra cotta, plain foundation, Forest Home and 17th Aves. $350,000. Excavation for above, awarded to Podlaszewski Bros., 861 Grant St. Noted July 8.

Wis., Oshkosh—THEATRE, etc.—Wolff & Ramsthol, archts., 230 Grand Ave., Milwaukee, soon lets contract 3 story and basement, 112 x 215 ft., brick, concrete and terra cotta, plain foundation, Main St., for Fischer Paramount Theatres, 36 South State St., Chicago, Ill. $350,000. Noted Nov. 25.

Wis., Wales—INFIRMARY—State Bd. Control, Madison, A. W. Bagley, secy., having plans prepared by A. Peabody, State Capitol, Madison, 3 story and basement, 40 x 120 ft., rein.-con., brick and steel, plain foundation, here. $160,000.

Ia., Cedar Rapids — THEATRE and STORE—C. Bard, 5311 Bway., Indianapolis, Ind., having plans prepared by G. L. Fisher, 1604 City Hall, Natl. Bank Bldg., Omaha, Neb., 3 story and basement, 120 x 120 ft., concrete, steel and terra cotta, 1st Ave. and 3rd St., here. $750,000.

Ia., Davenport—BANK and OFFICE—Clausen, Kruse & Klein, associated archts., Kahl Bldg., and Weary & Alford, archts., 1923 Calumet Ave., Chicago, Ill., preparing plans and take bids about Jan. 1, 13 story and basement, 100 x 156 ft., brick, steel and stone, 3rd and Main Sts., here, for American-Commercial & Savings Bank, 230 Main St. $2,000,000. Noted Sept. 13.

Ia., Dubuque — THEATRE, HOTEL and STORE—Rosenthal Theatre Corp., c/o W. P. Whitney, archt., 822 West 70th St., Chicago, having plans prepared and takes bids about Dec. 20, 5 story and basement, 200 x 265 ft., brick, steel and terra cotta, here. $750,000.

Kan., Wichita—BUSINESS—G. Innes Dry Goods Co., 300 East Douglas St., having plans prepared by Schmidt, Boucher & Overland, 524-4th Natl. Bank Bldg., 6 story and basement, 150 x 150 ft., rein.-con. and brick business building $600,000.

Kan., Wichita—HOTEL—F. J. Swartz, 306 South Clifton St., plans 6 story and basement, 50 x 130 ft., rein.-con. and brick, Douglas and Wichita Sts. Engineer and architect not selected.

Mo., Cape Girardeau — HOTEL — Hotel Securities Co., c/o E. E. Singleton, 626 Pine St., St. Louis, soon takes bids 6 story and basement, 100 room, brick, rein.-con. and stone, Bway. and Fountain Sts. $500,000.

Mo., Kansas City—APARTMENT HOTEL—Minkin Building Co., 331 Ridge Bldg., having plans prepared 5 story and basement, 65 apartment, rein.-con. and brick, 27th and Troost Sts. $200,000. Private plans.

Mo., St. Louis—BANK—Breman Bank, A. H. Reller, pres., 3600 North Bway., having preliminary plans prepared by Wedemeyer & Nelson, Wainwright Bldg., 1 story and basement, 60 x 139 ft., rein.-con., steel and stone, 3600 North Bway. $300,000.

Mo., St. Louis—CLUB—Ozark Athletic Club, c/o J. C. Phelan, pres., 3821 Vista Ave., having preliminary plans prepared by Mauran, Russell & Crowell, Chemical Bldg., 14 story and basement, rein.-con., brick, stone, steel and terra cotta, incl. swimming pools, gymnasium and underground garage, $1,500,000.

Mo., St. Louis — OFFICE — Syndicate (being formed), c/o B. Altheimer & Bro., Real Estate Co., Wainwright Bldg., making preliminary plans 10 story and basement, 12 x 135 ft., rein.-con., brick and stone, 12th St. and Clark Ave.

Mo., St. Louis — OFFICE — Missouri-Pacific R.R. Co., E. A. Hadley, ch. engr., Ry. Exch. Bldg., soon takes bids 22 story, basement, and 40 ft. tower, 100 x 293 ft., rein.-con., steel, terra cotta and granite addition, 13th St. from Pine to Olive Sts. $2,000,000. R. M. Tucker, c/o owner, archt. P. J. Bradshaw, International Bldg., and Mauran, Russell-Crowell, Chemical Bldg., consult. archts. Noted July 1.

Mo., St. Louis—MEMORIAL OFFICE—Episcopal Church of United States, c/o W. Scarlett, dean, 1210 Locust St., postponed taking bids until after Jan. 1, 6 story and basement, 106 x 106 ft., rein.-con., brick and stone, Locust St. near 13th St. $400,000. Jamieson & Spearl, Arcade Bldg., archts. Noted Oct. 7.

Mo., St. Louis—STORE, APARTMENT and GARAGE—Owner, c/o Dubinsky Realty Co., Wainwright Bldg., having plans prepared 2 story and basement, 225 x 295 ft., brick, concrete and stone, Kingshighway and West Florissant St. Private plans.

Mo., St. Louis—THEATRE and RESTAURANT—H. Chouteau, International Life Bldg., indefinitely postponed construction 2 story and basement, 50 x 150 ft., rein.-con., brick, stone and terra cotta, Delmar Blvd. near Grand Ave. $150,000. Noted Dec. 10.

Tex., Abilene — ADMINISTRATION — Abilene Christian College having preliminary plans prepared fireproof administration building. $150,000. Private plans. Noted Mar. 18.

Tex., Breckenridge—HOTEL—Breckenridge Hotel Co., c/o H. C. Burch, having plans prepared by D. S. Castle Co., 701-4 Alexander Bldg., Abilene, and takes bids about Dec. 15, 5 story, part basement, rein.-con., brick and stone, plain foundation. $250,000.

Tex., Galveston—HOTEL—J. La Fitte Hotel Co., c/o Shearn Moody, Amer. Natl. Insurance Bldg., soon lets contract 10 story and basement, rein.-con., brick, and tile, concrete pile foundation. A. Fraser, c/o Amer. Natl. Insurance Bldg., archts. Noted Nov. 4.

Tex., Laredo—HOTEL—A. C. Richter & H. C. Wood and associates, c/o Travis Bldg., San Antonio, takes competitive bids after Dec. 25, 10 story and basement, rein.-con., brick and hollow tile, plain foundation. $500,000. Kelwood Co., Travis Bldg., San Antonio, engrs. and archts. Noted Oct. 28.

Tex., San Antonio—CITY HALL—City, c/o J. W. Tobin, mayor voted $250,000 bonds, City Hall annex. I. Ewig, city engr. Noted Oct. 21.

Tex., Temple — HOTEL — A. C. Scott, doctor, and associates, c/o Scott & White Hospital, having preliminary plans prepared 10 or more story hotel, Main and Barton Sts. $500,000. Engineer and architect not selected.

Okla., Okmulgee—HOTEL—Chamber of Commerce having preliminary plans prepared 8 story hotel, 3rd St. $800,000. Engineer and architect not selected.

Colo., Colorado Springs — HOTEL — Owner, c/o De Foe & Beseike, archts., 1705 Baltimore Ave., Kansas City, Mo., having plans prepared 7 story, rein.-con. hotel. $300,000.

Ariz., Phoenix—BANK, STORE and HOTEL—Syndicate of Los Angeles Capitalists, c/o Walker & Eisen, archts., Western Pacific Bldg., Los Angeles, Calif., having plans prepared two 3 story banks, 16 story, 250 room hotel, 1 story garage, 1 story building for stores, and theatre seating 1,800, all concrete and brick, on 300 x 300 ft. site, Central Ave., Monroe, 1st and Van Buren Sts. $2,000,000.

Wash., Black Diamond—OFFICE—See "Buildings—Industrial."

Ore., Portland—COMMUNITY CENTER—B'nai Brith, H. M. Kenin, dir., having preliminary sketches made community center, 12th and Mill Sts. To exceed $200,000.

Calif., Calexico—THEATRE and HOTEL—Calexico Hotel Co. had plans prepared by Merrill & Rahn, archts. and engrs., 617 Financial Center Bldg., Los Angeles, 5 story, 145 x 240 ft., rein.-con., Calexico St. $375,000.

Calif., El Cerrito—MAUSOLEUM—Sunset View Mausoleum Co., Room 1211, 1 Montgomery St., San Francisco, had plans prepared by W. A. Hubbert, 110 Sutter St., San Francisco, concrete, marble and tile mausoleum. $300,000.

Calif., Fresno — LODGE — Fraternal Order of Eagles, c/o Swartz & Ryland,

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Buildings—Commercial (Continued)

archts., Rowell Bldg., had plans prepared 3 story and roof garden, rein.-con., Fresno and M Sts. $150,000. Noted Apr. 22.

Calif., Los Angeles — APARTMENT — W. E. Chadwick, archts., Union League Bldg., plans 4 story and basement, 50 x 140 ft., brick and concrete, Wilshire Sect. $150,000. Owner's name withheld.

Calif., Los Angeles — APARTMENT — B. M. & R. Development Co., Financial Center Bldg., having plans prepared by Merrill & Rahn, Financial Center Bldg., 4 story and basement, brick and concrete, Kenmore Ave. near 5th St. $150,000.

Calif., Los Angeles—AUTO SALES—Troy Motor Sales Co., 1056 South Figueroa St., plans approximately 5 story, fireproof, on 155 x 200 ft. site, Wilshire Blvd. and Shatto Pl.

Calif., Los Angeles — GARAGE — F. C. Hill, Merchants Natl. Bank Bldg., having plans prepared by K. Macdonald, Jr., Spring Arcade Bldg., 13 story and basement, 78 x 155 ft., rein.-con., adjoining Angeles Hotel, Spring and 4th Sts. $500,000. Noted July 15.

Calif., Los Angeles—HOTEL—Merrill & Rahn, archts., Financial Center Bldg., preparing preliminary plans approximately 8 story, 80 x 150 ft., probably rein.-con., 2nd and Grand Ave., Owner's name withheld.

Calif., Los Angeles—LOFT—Lloyd & Casler, Textile Center Bldg., having plans prepared by W. D. Lee, Textile Center Bldg., 12 story and basement, 100 x 160 ft., rein.-con. and terra cotta, Pico and Maple Sts.

Calif., Los Angeles—OFFICE and LOFT—W. W. Paden, Hollingsworth Bldg., having plans prepared by Walker & Eisen, Western Pacific Bldg., 12 story and basement, rein.-con., brick and terra cotta Bway. near 9th St. $300,000 or more.

Calif., Los Angeles—STORE and LOFT—W. G. Lane, Lane Mortgage Bldg., having plans prepared by L. L. Smith, City Club Bldg., 14 story and basement, 50 x 115 ft., brick, terra cotta and rein.-con., Bway. between 11th and 12th Sts. $250,000.

Calif., Pismo Beach—CLUB—Cave Landing Beach & Country Club (interests headed by E. R. Hurst, Culver City) plans club, incl. golf course. $1,000,000.

Calif., Riverside—HALL and JAIL—Riverside Co. plans fireproof Hall of Records Building and jail. $150,000. G. S. Wilson, Riverside, archt.

Calif., San Francisco—APARTMENTS—Marian Realty Co., 110 Sutter St., had plans prepared by H. C. Baumann, 251 Kearny St., two 5 story and basement, Jackson St. near Gough St., $150,000 each; also 6 story and basement, southeast corner Jackson and Gough Sts., $165,000, all rein.-con.

Calif., San Francisco—APARTMENT—E. A. Tropp, et al, c/o Hyman & Appleton, archts., Foxcroft Bldg., having plans prepared 15 story and basement, Pacific Ave. near Laguna St. $1,000,000. Noted Dec. 31, 1925.

Calif., San Francisco—DANCE HALL—M. Fleishacker, 2318 Pacific Ave., had plans prepared by C. A. Tantau, Shreve Bldg., 2 story and basement, rein.-con., Van Ness Ave. and Market St. $200,000.

Calif., San Francisco—HOSPITAL—St. Elizabeth Infant Shelter, c/o L. J. Devlin, archt., Pacific Bldg., having plans prepared 3 story and basement, steel and concrete, Van Ness Ave., near Filbert St. $250,000.

Calif., San Francisco—HOTEL—L. B. Ham, 105 Montgomery St., having plans prepared by E. M. Sharpe, 60 Sansome St., 20 story and basement, brick, Ellis St. near Powell St. $1,500,000.

Calif., San Francisco — THEATRE, HOTEL and STORE—Ackerman & Harris, c/o W. H. Crim, Jr., archt., 425 Kearny St. and G. A. Lansburgh, archt., 140 Montgomery Sts., having plans prepared, Spanish Renaissance type, Mission St. near 19th St. $750,000.

Calif., San Francisco—THEATRE and STORE—Marian Realty Co., 110 Sutter St., plans theatre and store, Lawton St. near 24th Ave. $150,000 or more. Engineer and architect not selected.

Calif., San Francisco—WAREHOUSE—Western Pacific R.R. Co., J. W. Williams, ch. engr., Mills Bldg., plans warehouse and facilities, on 200 acre tract, on north side Islais Creek Project. $2,000,000.

Calif., San Pedro—CLUB—St. Andres Golf & Country Club having plans prepared by Walker & Eisen, Western Pacific Bldg., Los Angeles, (1st unit) rein.-con., incl. offices, dining room, etc., White Point. $500,000. Noted Oct. 7.

Calif., Stockton—APARTMENT—A. B. Hanson, Lake View Tract, had plans prepared by Allen & Young, Stockton, 5 story and basement, concrete, Hunter and Lindsay Sts. $160,000.

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Calif., Ventura—BANK and OFFICE—Union Natl. Bank having plans prepared by Morgan, Walls & Clements, Van Nuys Bldg., Los Angeles, approximately 3 story, 50 x 100 ft., rein.-con., terra cotta or stone, bank and office building. $150,000 or more.

Que., Grand Mere—CONVENT—Roman Catholic School Comn., J. H. Ricard, pres., having plans prepared by J. Caron, Three Rivers, convent. $250,000.

Que., Montreal—OFFICE—General Industrial Investment Co. Ltd., c/o A. Brodeur, 37 Notre Dame St. E., soon takes bids 11 story, 50 x 100 ft., brick, steel and stone, St. Lawrence and Notre Dame St. E. $300,000.

Que., Montreal—OFFICE—Star Publishing Co. Ltd., St. James St., having plans prepared by W. H. Wardwell, 628 Union Ave., 15 story, 50 x 90 ft., rein.-con. and stone, St. James St. $800,000.

Que., Quebec City—THEATRE—E. F. Albee of Keith Vaudeville Circuit, 12 Mayor St., Montreal, soon takes bids theatre to replace present auditorium, here. $500,000.

Que., Ste. Tite — CHURCH — Catholic Church, M. R. Leblanc, pastor, plans church in Champlain Co. $200,000. Engineer and architect not selected.

Ont., Toronto — HOSPITAL — Toronto East General Hospital Assn. having plans prepared by J. J. Woolnough, City Hall, 3 or 4 story and basement, rein.-con., brick and steel, plain foundation, Danforth and Greenwood Aves. $900,000. Noted June 3.

B. C., Vancouver—CLUBHOUSE—Poltec Club, having plans prepared by R. B. Stacy-Judd, 6030 Hollywood Blvd., Los Angeles, Calif., rein.-con. clubhouse, Vancouver St. $1,250,000.

Bids Desired

Mass., Boston — APARTMENT — See "Contracts Awarded."

Mass., Brookline (br. Boston)—STORE and OFFICE—Arcade Building Trust, c/o F. E. Johnstone, 209 Washington St., Boston, taking bids 2 story and basement, 100 x 200 ft. brick and stone, plain foundation, Harvard St., here. $250,000. G. N. Jacobs, 37 Providence St., Boston, archt.

Mass., Northampton — HOTEL — See "Contracts Awarded."

Mass., Springfield—APARTMENT—See "Contracts Awarded."

Mass., Waverly—STORE and OFFICE—Owner, c/o H. Chisholm, archt., taking bids 3 story and basement, 60 x 120 ft., rein.-con., brick and stone, plain foundation, Trapello Rd. $150,000. Noted Nov. 25.

Conn., Hartford — OFFICE — Hartford City Gas Light Co., 565 Main St., taking bids 4 story, 90 x 100 ft., brick, stone and steel, Pearl St. $250,000. Noted Sept. 16.

Conn., New Haven—APARTMENT—See "Contracts Awarded."

Pa., Phila.—GARAGE—Dec. 4, by J. S. Fuller, archt., 5438 Locust St., 2 story and basement, 43 x 138 ft., rein.-con. and brick, plain foundation, 1811-15 Fitzwater St., [illegible] A. Poall, 1812 Fitzwater St.

La., Marksville—COURT HOUSE—J[illegible] 5, by Avoyelles Parish Police Jury, 4 sto[illegible] 75 x 135 ft., brick, concrete and stone co[illegible] house. $240,000. H. J. Duncan, 120 Murr[illegible] St., Alexandria, archt. Noted Sept. 23.

O., Columbus—THEATRE—Dec. 4, [illegible] Loews, Inc., 1540 Bway., New York Cit[illegible] N. Y., and T. W. Lamb, archt., 644 [illegible] Ave., New York City, N. Y., 125 x 187½ [illegible] brick, steel, concrete and stone, 3,500 sea[illegible] ing capacity, East State St., here. $800,00[illegible] Noted June 17.

Wis., Racine—THEATRE and OFFICE—See "Contracts Awarded."

Minn., Minneapolis—PHYSICS LABORATORY—Dec. 7, by State Comrs. Administration & Finance, 18 State Capitol, St Paul, 4 story and basement, rein.-con[illegible] brick, stone and slate at State University $400,000. Former bids rejected. C. H Johnston, 360 Robert St., St. Paul, archt. Noted Nov. 11.

Ark., Hope—THEATRE—Dec. 15 (extended date), by J. P. Brundidge, 75 x 15[illegible] ft., brick and steel 40 ft. high, 2nd St $150,000. Witt, Seibert & Halsey, 80[illegible] Texarkana Natl. Bank Bldg., Texarkana archts. Noted Nov. 11.

Calif., Flintridge (mail Glendale)—HOTEL—See "Contracts Awarded."

Calif., San Francisco—APARTMENT—See "Contracts Awarded."

Calif., Los Angeles—GARAGE—R. H. Orr, archt., Corporation Bldg., taking bids 5 story, 90 x 275 ft., rein.-con. 6th and Mariposa Sts., for Chapman Bros., 3469 West 6th St. (Separate bids for garage equipment.) Noted Nov. 11.

Calif., San Diego — CLUB — W. H. Wheeler, archt., Spreckels Bldg., taking bids on revised plans 8 story and basement, rein.-con. club, 6th and A Sts. $500,000. Former bids rejected. Noted Nov. 18.

Calif., Los Angeles—APARTMENT—See "Contracts Awarded."

Ont., Walkerville—HOSPITAL—Dec. 3, by R. B. Braid, secy. Essex Border Utilities Comn., Murray Bldg., Windsor, 3 story and basement, rein.-con., brick and steel, plain foundation, $500,000. Pennington & Boyde, Bartlett Bldg., archts. Stevens & Lee, 62 Charles St. E. Toronto, associated archt.

Contracts Awarded

Me., Portland — COMMERCIAL — Portland Chamber of Commerce, 2 story and basement, brick, plain foundation, Free St., to F. W. Cunningham & Sons, 181 State St. Archts. est. $150,000.

Me., Portland—GARAGE and POWER PLANT—Dartmouth Real Estate Trust Co., 3 story rein.-con., brick and steel, plain foundation, Baxter Blvd., to F. A. Rumery Co., 537 Congress St. Archts. est. $850,000.

Me., Sanford — HOTEL — Sanford Hotel Co., M. J. Greene, 390 Congress St., Portland, 4 story and basement, 120 x 130 ft., brick and steel, plain foundation, to M.

SEAWALL, ETC.—PORTLAND, ORE.

Bids were opened by City, Oct. 13, for seawall, intercepting sewer and drainage system along Front St., from (A) J. F. Shea Co., Henry Bldg., (awarded contract); (B) J. H. Tillman Co., Oakland, Calif. The unit bids are as follows:

	A	B
1,000 cu.yd. excavation, dredged, special	$1.50	$2.00
100 cu.yd. excavation, old concrete sidewalk and curb	4.20	4.00
30,432 cu.yd. excavation, sewer trench including backfill	3.13	3.00
690,000 cu.yd. embankment, dredged, common	.45	.65
320,000 cu.yd. embankment, dredged, selected	.45	.65
26,400 cu.yd. riprap, boulders or quarry	2.00	3.25
606,000 lin.ft. logs in crib, including hardware	.55	.75
8,000 ft. b.m. lumber in crib, including hardware	40.00	75.00
510 ft. b.m. lumber in fenders, including hardware	60.00	75.00
61,000 lin.ft. timber piling, driven and cut off	.45	1.00
40,500 lin.ft. sheet piling, 9-in. driven under water	1.00	1.25
43,260 lin.ft. sheet piling, 6-in. driven in sewer trench	.30	.85
600 ft. b.m. lumber sheathing in sewer trench	25.00	52.50
164 cu.yd. concrete, 1:1:2 mix	25.00	21.50
1,765 cu.yd. concrete, class A	20.00	20.70
53,800 cu.yd. concrete, class B	8.90	8.75
125,000 lb. reinforcing steel, class A def.	.04	.075
1,000 lb. extra bolts, spikes and miscellaneous hardware	.25	.125
Steel sash doors in place, glazed, ptd. pumping plant (lump sum)	600.00	1,500.00
1,100 sq.ft. sidewalk concrete	.30	.20
320 lin.ft. curb, concrete	1.00	1.00
Sidewalk lights, complete installed, pumping plant (lump sum)	850.00	650.00
7,200 lin.ft. 6-in. porous tile drain, tile, weep holes	.40	.25
648 lin.ft. 24-in. sewer pipe	4.00	3.65
20 lin.ft. 21-in. sewer pipe	3.30	2.90
20 lin.ft. 18-in. sewer pipe	3.00	2.25
100 lin.ft. 15-in. sewer pipe	2.50	1.655
20 lin.ft. 12-in. sewer pipe	2.00	1.155
20 lin.ft. 10-in. sewer pipe	1.75	.87
100 lin.ft. 8-in. sewer pipe	1.00	.62
10 lin.ft. 6-in. sewer pipe	.75	.47
12 24x8-in. Y branches	11.00	7.50
4 8-in. ¼ bends	2.00	1.65
23 concrete manholes, complete	90.00	135.00
1 concrete inlet, complete	30.00	20.00
26 complete connections with existing sewer	100.00	15.00

	A	B
12 complete connections with existing house branches	$20.00	$7.50
2 complete connections with existing inlets	2.00	15.00
260 lin.ft. 30-in. diameter concrete sewer	6.00	5.35
262 lin.ft. 36-in. diameter concrete sewer	7.00	6.90
518 lin.ft. 36x45-in. diameter concrete sewer	8.00	9.35
849 lin.ft. 42x50-in. diameter concrete sewer	9.00	11.73
1,045 lin.ft. 48x56-in. reinforced concrete sewer	12.50	13.75
508 lin.ft. 54x62-in. reinforced concrete sewer	15.00	19.35
260 lin.ft. 60x68-in. reinforced concrete sewer	18.00	21.10
260 lin.ft. 66x74-in. reinforced concrete sewer	20.00	23.15
889 lin.ft. 72x78-in. reinforced concrete sewer	22.50	24.15
255 lin.ft. 78x84-in. reinforced concrete sewer	25.00	28.45
Junction at Front and Ankeny Sts. (lump sum)	860.00	750.00
1,600 cu.yd. crushed rock or gravel in place intrench	3.00	3.75
4,000 lin.ft. 8-in. pipe in gravel	.80	.80
4,286 sq.yd. pavement taken up and relaid	6.00	5.00
640 sq.yd. pavement, asphaltic concrete Nos. 1 and 2, including base	3.50	3.75
70 cu.yd. crushed rock under ties	4.50	3.00
265 sq.yd. concrete between ties, including tie area	2.75	3.00
310 lin.ft. relaying existing track, including new ties	10.00	6.00
265 sq.yd. stone block pavement in track area	3.50	9.00
Temporary track on Morrison St. including trolley wire (lump sum)	1,000.00	600.00
2 10,000 gal., p.m. pump, motor and control in pumping plant	5,489.40	18,000.00
3 30,000 gal. p.m. pump, motor, and control in pumping plant	3,024.00	10,000.00
2 sets 10,000 gal. p.m. pump main valves, piping in pumping plant	1,572.00	7,000.00
3 sets 30,000 gal. p.m. valves and piping in pumping plant	4,600.00	25,000.00
Auxiliary piping in pumping plant (lump sum)	840.00	1,000.00
1 crane complete, installed in pumping plant as per spec	3,690.00	6,000.00
1 hoist complete, installed in pumping plant, as per spec	2,126.00	2,500.00
2 transformers installed in pumping plant, as per spec	3,024.00	10,000.00
2 11,000 volt oil circuit breaker in pumping plant	2,360.00	8,000.00
11,000 volt disconnecting switches, wiring, pumping plant (lump sum)	1,220.00	1,500.00
440 volt disconnecting switch, wiring, pumping plant (lump sum)	1,205.00	2,000.00
5 sets flow meter, complete and installed in pumping plant	1,014.00	8,000.00
Electrical instruments and switchboard in pumping plant (lump sum)	911.00	2,000.00
1 sluice gate complete with fastenings installed in pumping plant	3,134.00	3,000.00
1 duplex sump pump and motors in pumping plant	2,303.00	1,500.00
1 ventilating fan complete with ducts in pumping plant	414.00	800.00
Stair and grating railing complete in pumping plant (lump sum)	4,644.00	5,200.00
Plumbing installed complete in pumping plant (lump sum)	484.00	500.00
Electric light and heat installed in pumping plant (lump sum)	2,443.00	1,000.00
101 check valves on weep holes in pumping plant	25.00	5.00
Extended totals	$2,191,090	$2,909,460

Buildings—Commercial (Continued)

J. Greene Constr. Co., 390 Congress St. Archts. est. to exceed $150,000.

Mass., Amesbury—FIRE STATION and HEADQUARTERS — Town, Fire Dept., 2 story and basement, brick and limestone, plain foundation, School St., to R. W. Bean, Inc., 14 Central Ave., Lynn. Archts. est. $150,000.

Mass., Boston — APARTMENT — Castlegate Realty Corp., 108 Pemberton Bldg., will build 5 story and basement, brick and stone, plain foundation, Soaver St., by day labor. $200,000. S. E. Moffie, 51 Cornhill, archt.

Mass., Haverhill — MERCANTILE — A. Carbone, 5 Water St., 3 story and basement, brick and steel, plain foundation, Bridge and Water Sts., to L. H. Clough, 29 Byron St., Bradford. Archts. est. $160,000.

Mass., Northampton — HOTEL—Northampton Hotel, c/o H. L. Stevens Co., archts., 522 5th Ave., New York City, will build 5 story and basement, 200 x 385 ft., King and Court Sts., by day labor under supervision owner. Approximately $300,000.

Mass., Springfield—APARTMENTS—J. L. Boucher, 500 Belmont St., will build two 4 story, brick, steel and stone, Ft. Pleasant St., by day labor. $300,000. H. J. Tessier, 1132 Main St., archt.

Mass., Springfield—HOSPITAL—Roman Catholic Diocese of Springfield, T. O'Leary, pastor, 3 story, brick addition, Carew St., to G. P. Sampson, 67 Thompson St. Archts. est. $150,000. Noted Apr. 15.

Mass., Woburn — BANK — Woburn Cooperative Bank, A. E. Gage, 1 story and basement, brick, steel and limestone, plain foundation, Common and Main St., to D. R. Donaldson, 99 Pine St., Belmont. Archts. est. $150,000. Noted Nov. 4.

R. I., Providence—BANK—Morris Plan Co., 10 Market Sq., 1 and 2 story and basement, brick, stone and steel, plain foundation, Canal St., to C. B. Maguire Co., Grosvenor Bldg. Archts. est. $150,000. Noted Nov. 11.

R. I., Providence—OFFICE—Providence Co. House Corp., c/o Jackson, Robertson & Adams, archts., Turks Head Bldg., 5 story and basement, brick, stone and granite addition, plain foundation, 78 South Main St., to L. D. Willcutt & Sons Co., 146 Summer St., Boston, Mass. Archts. est. $150,000.

Conn., New Britain—APARTMENT—W. H. Allen, 12 Glen St., 3 story, 40 x 155 ft., brick, steel and stone, Walnut St., to W. H. Allen Co., 12 Glen St., $150,000.

Conn., New Haven—APARTMENT—F. Pannone, 543 Savin Ave., West Haven, will build 4 story, 52 x 116 ft., brick, steel and stone, Chapel St., by day labor. $150,000. J. Della Valle, 341 State St., archt. Noted Oct. 28.

Conn., West Hartford (br. Hartford)—HOTEL—Jacob Kanter Constr. Co., Hotel Bond, Hartford, will build co-operative apartment hotel, here. Work will be done by separate contracts. Pennington & Lewis, 250 Park Ave., New York City, archts.

N. Y., New York—OFFICE, LOFT and STORE—Park Avenue & 33rd Street Corp., 65 West 39th St., A. N. Adelsohn, pres., 25 story, 200 x 200 ft., brick, steel and stone, plain foundation, 2 Park Ave., to Schroeder & Koppel, 347 Madison Ave. Archts. est. $4,000,000.

N. J., Hoboken—Y. M. C. A., clubhouse, 13th and Washington Sts., to Walter Kidde Co., 140 Cedar St., New York City. Archts. est. $400,000.

N. J., Jersey City—STORE and APARTMENT—A. Carell, Journal Sq., general contract 9 story, brick, Sip Ave. and Jones St., to Deakman & Wells, 921 Bergen Ave., $195,000. Noted Sept. 23.

Pa., Phila.—GARAGE—J. Bordek, 216 Ledger Bldg., 6 story and basement, 60 x 122 ft., rein.-con. and brick, plain foundation, 819-23 Walnut St., to Golder Constr. Co., 203 South 15th St. Archts. est. $200,000.

Pa., Phila.—HOUSE of CORRECTION—Director Pub. Welfare, City Hall, general contract, 50 x 140 ft. administration building, 50 x 325 ft. main building, both 2 story and basement; 2 story, 58 x 160 ft. boiler room; 54 x 110 ft. dining hall, 45 x 110 ft. kitchen, and 50 x 150 ft. receiving building, all 1 story and basement, stone and steel, plain foundation, Holmesburg St., to H. E. Baton, 1713 Sansom St. $477,000; heating, to W. Anderson, 600 Schuylkill Ave., $119,867; plumbing, to J. Borden & Bro., 637 North 19th St., $80,977; and electricity, to W. V. Pangborne Co., 1927 West Montgomery St. $48,061. Grand total $722,705. Noted Nov. 11.

Pa., Phila.—STORE—J. Jadawich, 3300 Baring St., 4 story and basement, 29 x 115 ft., rein.-con., brick and steel, plain foundation, 1719 Chestnut St., to Golder Constr. Co., 263 South 15th St.

Pa., Turtle Creek—STORE and OFFICE—Zischkan Bros., 3 story and basement, 75 x 120 ft., brick and steel, here, to Meller Constr. Co., Empire Bldg., Pittsburgh. Archts. est. $150,000.

D. C., Wash. — BANK and OFFICE — Acacia Mutual Life Assn. of Washington, Homer Bldg., brick, steel and stone, plain foundation, 1st St. and Indiana Ave., to Hoggson Bros., Inc., 485 5th Ave., New York City, $1,000,000.

W. Va., Weirton — OFFICE — Weirton Steel Co., 2 story and basement, 60 x 120 ft., brick, to R. R. Kitchen & Co., 37 19th St., Wheeling, $150,000.

O., Columbus—POST OFFICE—J. Kulp (owner and contractor), 6858 South Sherman Dr., Chicago, Ill., will build 3 story and basement, 100 x 187½ ft., brick and concrete, East Spring St., here. $300,000. Post Office Dept., Wash., D. C., lessee.

O., Columbus — WOMENS CLUB — Richards, McCarty & Bulford, archts., 554 East Broad St., 4 story, 80 x 162 ft., brick and steel, incl. elevator, swimming pool, bowling alleys, etc., South Front St., to L. L. Leveque Co., 1378 Parkway Dr., for Columbus Federation of Womens Clubs. $234,220. Noted Nov. 11.

Ind., Fort Wayne—OFFICE—Chamber of Commerce, general contract 4 story and basement, 88 x 133 ft., rein.-con., brick, terra cotta and steel, to Indiana Eng. & Constr. Co., 201 Central Bldg., $164,950; heating, ventilating and plumbing, to Hattersley & Sons Co., 210-12 East Main St., $33,250. Noted Sept. 2.

Ill., Chicago—GARAGE—A. S. Alschuler, archt., 28 East Jackson Blvd., masonry contract 1 story, 200 x 200 ft., brick and terra cotta, 4015-31 Wentworth Ave., to Vogtborg Constr. Co., 251 West 79th St., for Hartman Furniture Co., 4015-31 Wentworth Ave. Archts. est. $150,000. Noted Oct. 28.

Ill., Chicago — OFFICE and STORE — Syndicate, c/o O. J. Friedman, 11 South La Salle St., general contract 34 story and basement, 60 x 140 ft., 333 North Michigan Ave., to Hegeman-Harris Co., 431 North Michigan Ave. Archts. est. $3,500,000. Noted July 15.

Ill., Chicago—THEATRE and OFFICE—Twenty-Three West Monroe Street Corp., c/o D. H. Burnham & Co., archts., 160 North La Salle St., and J. Eberson, associated archt., 212 East Superior St., general contract 23 story and 6 story tower, 90 x 190 ft., 23 West Monroe St., to J. A. Holpuch Co., 111 West Washington St. Archts. est. $5,000,000.

Wis., La Crosse—HOTEL—Linker Realty Co., 318 Main St., 5 story, 30 x 112 ft. brick and concrete to addition, to F. R. Schwalber & Sons, 414 Rivoli Bldg. Archts. est. $150,000.

Wis., Menasha — WAREHOUSE — Menasha Woodenware Co., 430 River St., 4 story and basement, 67 x 210 ft., brick and concrete, plain foundation, to Fluor Bros. Constr. Co., 52 Otter St., Oshkosh. Archts. est. $150,000.

Wis., Milwaukee—APARTMENT—A. C. Runzler, archt., 144 Oneida St., 3 story and basement, 62 x 105 ft., brick and concrete, plain foundation, Knapp St., to Reisinger & Co., 466 Oakland Ave. Archts. est. $150,000. Owner's name withheld. Noted Oct. 21.

Wis., Racine—THEATRE and OFFICE—E. Klinkert, 826 Washington Ave., will build 3 story and basement, 90 x 231 ft., brick, tile and concrete, plain foundation, Washington Ave., by day labor. $175,000. B. W. Denham, 1518 Washington Ave., archt.

Ia., Waterloo—THEATRE and BUSINESS—Venice Realty Co., 96 East 4th St., general contract 3 story and basement, 96 x 200 ft., rein.-con., brick and steel, West 4th and Water Sts., to T. Stark & Sons, 118 South 11th St. W., Cedar Rapids. Archts. total est. approximately $450,000.

Ark., Little Rock — HOTEL — William Young Hotel Co., Inc., c/o T. E. Burrow, pres., 2407 Bway., general contract 15 story and basement, 300 room, rein.-con., brick and terra cotta, incl. convention hall on roof, 600 seating capacity, Main and Markham Sts., to Stewart & McGehee Constr. Co., Kahn Bldg. Archts. est. $800,000.

Tex., Austin—STORE and OFFICE—E. Nalle, c/o Nalle Lumber Co., 601 East 6th St., 10 story and basement, 88 x 161 ft., stone, rein.-con. and brick, 8th and Congress Sts., to J. F. Johnson, 511 East 3rd St., $600,000. Noted Sept. 30.

Tex., Beaumont — THEATRE—Jefferson Amusement Co., c/o J. C. Clemons, Perlstein Bldg., 5-7 story and part basement, 80 x 160 ft., rein.-con., brick and stone, plain foundation, Fannin St. between Pearl and Orleans Sts., to C. F. Law, 1245 Ave. E., Beaumont, and Watson Co., 1927 South Akard St., Dallas, $308,890. Noted Nov. 11.

Tex., San Antonio — CLUB — San Antonio Club, Market St., 6 story and basement, rein.-con. and brick, plain foundation, Presa and Crockett Sts., to Heath & Kenzie, 410 Builders' Exch. Bldg., approximately $186,000. Noted Oct. 21.

Okla., Shawnee—HOTEL—M. W. Borrow, 412 Robinson Bldg., Tulsa, 7 story and basement, 75 x 150 ft., rein.-con. and brick, plain foundation, Bway., here, to Hughes, Mitchell & Quinn, 412 Robinson Bldg., Tulsa, $350,000 cost plus percentage basis.

Wash., Seattle—CLUB—Lakeside Club, Madison Park, 6 story, 200 x 250 ft., rein.-con., brick and terra cotta, incl. golf course and swimming pool, to Puget Sound Bridge & Dredging Co., Central Bldg. Archts. est. $1,250,000.

Wash., Seattle — WAREHOUSE—Western States Grocery Co., Seattle, 2 story

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Buildings—Commercial (Continued)

and basement, 120 x 270 ft., rein.-con., 1260 4th St. S., to H. Pederson, Seattle. $152,000.

Calif., Burlingame — LODGE — Burlingame Lodge of Masons, 2 story and basement, steel and concrete, Howard Ave. and Park Rd., to Macdonald & Kahn, 130 Montgomery St., San Francisco, approximately $153,500.

Calif., Flintridge (mail Glendale)—HOTEL—F. P. Flint will build 1 to 4 story, rein.-con. hotel, incl. swimming pool, by day labor and sub-contracts. $750,000. M. Hunt, 1107 Hibernian Bldg., Los Angeles, archt.

Calif., La Jolla—HOTEL—La Jolla-Del Mar Co., 9 story, rein.-con., on 105 x 204 ft. site opposite Casa de Manana, to H. H. Hinds, 351 South Hoover St., Los Angeles, $786,000.

Calif., Long Beach—BANK—Farmers & Merchants Bank, 2 story, 50 x 150 ft., rein.-con., terra cotta and steel, Bway. Ave., to C. T. McGrew & Sons, 1345 West Ocean Ave., approximately $155,650. Noted Oct. 7.

Calif Los Angeles — APARTMENT — Lentzner & Anderson, 4075 Beverly Blvd., will build 4 story and basement, 50 x 115 ft., brick and stone, South Catalina St., by day labor. $150,000.

Calif., Los Angeles — APARTMENT — Wilson & Diaber, 666 North Kenmore Ave., will build 4 story and basement, 55 x 135 ft., brick, North Kenmore Ave., by day labor. $150,000.

Calif., Los Angeles—CLUB—Hollywood Olympic Holding Co., c/o Walker & Eisen, archts., Western Pacific Bldg., 9 story and basement, incl. swimming pool, Franklin and Highland Aves., to Bard & Co., Pacific Natl. Bank Bldg., approximately $650,000. Noted Sept. 2.

Calif., San Francisco—APARTMENT—Lacy & Van Herick, 708 Hearst Bldg., will build 4 story and basement rein.-con., Grove St. near Franklin St., by day labor and segregated contracts. $175,000.

Calif., San Francisco—APARTMENT—W. L. Penziner, 747 Geary St., will build 7 story and basement, rein.-con., brick or cement, Jackson St. near Buchanan St., by day labor and segregated contracts. $200,000. W. L. Schmolle, 519 California St., archt. Noted Oct. 28.

Que., Montreal — HOSPITAL — Homeopathic Hospital, 44 McGill College Ave., new hospital, Marlow Ave., to Ritchie Cut Stone Co. Ltd., 191 Grant Ave., Hamilton, Ont., and Rutherford Lumber Co. Ltd., 425 Atwater St., Montreal, $150,000.

Que., Montreal — HOSPITAL — Womens General Hospital, St. Catherine W., brick and stone hospital, to Church Ross & Co. Ltd., 698 St. Catherine St., West Montreal, $300,000. Noted Sept. 16.

Ont., Ottawa—OFFICE—J. A. Evart, archt., Jackson Bldg., 9 story and 2 basements, 66 x 198 ft., rein.-con., steel and stone, plain foundation, Sparks St., to A. J. Garvock, Regent Bldg., Sparks St., for Ottawa Electric Co., 35 Sparks St. Archts. est. $600,000-$800,000. Noted Sept. 2.

B. C., Nanaimo — HOTEL — Sharp & Thompson, archts., 626 Pender St. W., Vancouver, general contract 7 story, rein.-con. and stucco, here, to E. J. Ryan Contg. Co., 445 Granville St., Vancouver, for Nanaimo Community Hotel Co. Ltd., $120,000; heating, ventilating and plumbing, to R. H. Ormonde, 70 Boston St., $30,000. Noted Oct. 21.

Buildings—Industrial

Proposed Work

Me., Thomaston — PLANT — Lawrence Cement Co., 302 Beay, New York City, plans plant, here. Engineer and architect not selected.

Mass., Boston — POWER STATION — Edison Electric Illuminating Co., 70 State St., having preliminary plans prepared by Bigelow & Wadsworth, 120 Tremont St., 1 and 2 story and basement, rein.-con. and steel, Arch and Hawley Sts. To exceed $40,000. Noted Nov. 11.

Mass., Malden (br. Boston) — STABLE, OFFICE, STORAGE and REFRIGERATING PLANT—H. P. Hood & Sons, Charlestown, had plans prepared 1 and 2 story, 60 x 110 ft., 40 x 60 ft., and 40 x 100 ft., rein.-con. and brick, plain foundation, 339 Washington St. C. C. Mourse, company engineer.

Mass., South Boston (Boston P. O.)—INDUSTRIAL, etc.—Andrew Sq. Terminal Co., Inc., F. A. Kamp, 53 State St., having plans prepared by R. M. Stowell, 184 Boylston St., Boston, four 4 story, 75 x 430 ft., timber, industrial buildings, 1 story brick, central heating and power house, also coal dump, coal handling machinery, railroad siding, granite block paving etc., Dorchester Ave., between Alger and Dexter Sts. To exceed $325,000. H. S. Clervedon, 184 Boylston St., Boston, engr.

Conn., East Hartford (br. Hartford)—PLANT—Continental Baking Co., Boston, Mass., J. L. Cederholm, Windsor, dist. mgr., plans steel and concrete, Connecticut Blvd. $150,000 or more. Engineer and architect not selected.

N. Y., New York — GARAGE — See "Waste Disposal."

N. Y., New York—PUBLISHING PLANT and OFFICE—New York Evening Journal, Williams St., having plans prepared by G. B. Post & Sons, 101 Park Ave., 5 story, 186 x 200 ft., rein.-con., brick and steel, plain foundation, 56th St. and 8th Ave. $1,000,000.

Pa., Phila.—BOOK BINDERY—Southern Book Bindery, 120-22 North 7th St., having plans prepared by M. A. Barnhardt, 721 Walnut St., 8 story and basement, 34 x 70 ft., rein.-con., brick and steel, plain foundation.

Pa., Phila.—SERVICE—A. J. Sauer Co., archts., 1505 Race St., soon lets contract 4 story and basement, 110 x 114 x 154 x 184 ft., rein.-con. and brick, plain foundation, Columbia Ave. between Front and Blair Sts., for Phila. Motor Service Co.

Pa., Phila.—LAUNDRY—Fairhill Laundry Co., Allegheny Ave. west of 3rd St., soon lets contract 1 story and basement, 50 x 150 ft., brick and steel, plain foundation. Private plans.

Md., Baltimore—SERVICE STATION—Robbins Buick, Inc., Greenmount Ave. and 25th St., had plans prepared 2 story, 61 x 88 ft., brick and steel, plain foundation, Greenmount Ave. and 25th St. $40,000. W. S. Austin, Maryland Trust Bldg., engr.

O., Youngstown—INDUSTRIAL PLANT—J. E. Perry, pres. Valley Iron & Mould Co., Sharpsville, Pa., soon takes bids 66 x 1,100 ft. steel industrial plant, here. $500,000.

Mich., Muskegon — PISTON RINGS FACTORY—Vander, West & Child, archts. and engrs., Montgomery Blk., soon lets contract 1 story, 120 x 192 ft., and 2 story, 32 x 120 ft., brick, plain foundation, Getty St., for Panyard Machine & Mfg. Co., 296 West Western Ave. $40,000. Noted Nov. 11.

Ill., Arthur — DAIRY PLANT — Pevely Dairy Co., Grand Blvd. and Chauteau Ave., St. Louis, Mo., having preliminary plans prepared by L. Haeger, 3844 Utah Pl., St. Louis, Mo., rein.-con., here. $200,000 up.

Wis., Cameron—CREAMERY—Cameron Creamery & Product Co., G. Speirs, pres., plans remodeling and constructing 2 story, brick and concrete addition, plain foundation. $100,000. Engineer and architect not selected.

Wis., Embarrass — PLANT — Wisconsin Power & Light Co., 16 North Carroll St., Madison, plans 1 story, 60 x 150 ft., rein.-con., brick and steel power plant, also dam, here. Engineer and architect not selected.

Wis., Milwaukee—GARAGE and SERVICE—E. A. Meyer, archt., 2703 Lisbon Ave., prepared plans 1 story and basement, 82 x 140 ft., brick and steel, plain foundation, Southside. $75,000. Owner's name withheld.

Wis., Milwaukee—FACTORY—Shellmar Products Co., 1613 Humboldt Ave., plans rebuilding 1 story, 77 x 120 ft., brick and steel, plain foundation, Humboldt Ave., recently destroyed by fire. Engineer and architect not selected.

Wis., Milwaukee—HEATING PLANT—State Bd. of Regents, W. Kittle, secy., Madison, having plans prepared by A. Peabody, Capitol, Madison, central heating plant, plain foundation, Downer Ave., here. $65,000.

Wis., Racine—MACHINE SHOP—A. C. Gales, 1638 Villa St., soon lets contract 2 story, 40 x 95 ft., brick and timber, plain foundation, 16th St. Private plans. Foundation for above awarded to Nelson & Co., Janes Blk.

Wis., Stoughton — ELECTRIC LIGHT PLANT — City, c/o Clerk, plans electric light plant, rein.-con., brick and steel, plain foundation. $40,000. Engineer and architect not selected.

Mo., Kansas City—ICE PLANT—Amer. Ice Co., 205 West 71st St., having plans prepared by F. W. Horton, 705 Finance Bldg., and soon takes bids 1 story, 81 x 151 ft. ice plant, rein.-con. and brick. $40,000. H. Van Unwerth, 705 Finance Bldg., engr.

Mo., St. Louis — PACKING PLANT — Krey Packing Co., 2100 Bremen Ave., purchased site and plans rein.-con. and brick packing plant, Bway., Prescott, Pitzman to Sweringer Sts.

Tex., Port Arthur — PLANT — Standard Brass & Mfg. Co., making preliminary plans brick and concrete addition. $75,000. Private plans.

Tex., San Antonio—GARAGE—H. P. Smith, archt., c/o Natl. Bank Commerce Bldg., soon lets contract 3 story, 110 x 190 ft., rein.-con. brick and stone, plain foundation, San Pedro Ave. and Poplar St., for Guarantee Motor Co., c/o F. Hallam, Romana St. $85,000. Noted Nov. 4.

Tex., San Angelo — POWER PLANT — San Angelo Water, Light & Power Co. (affiliated with and operated by West Texas Utilities Co.), Abilene, making plans giant power plant, on Lake Concho, near here. $831,000. Sargent & Lundy, 72 West Adams St., Chicago, Ill. E. R. Hoppe, Abilene, engrs.

Wash., Black Diamond—WAREHOUSE, etc.—W. Aitken, archt., Lyon Bldg., Seattle, takes bids about Dec. 16, 2 story, 40 x 295 ft., galvanized iron-covered warehouse, shops, power house and office building, at Black Diamond Mines, here, for Pacific Coast Coal Co., L. C. Smith Bldg.

Ore., Portland—DELIVERY TERMINAL—Meier & Grant Co., 5th and Morrison Sts., had plans prepared by Sutton & Whitney, Lewis Bldg., 3 story 200 x 200 ft., rein.-con. and steel, 14th, 15th Everett and Flanders Sts. $500,000.

Calif., Emeryville — FACTORY — Magnavox Co., 2725 East 14th St., Oakland, plans factory, in block bounded by Park Ave., Horton and Holden Sts. $200,000.

Calif., Emeryville—AUTO SHOPS—Associated Oil Co., Associated Oil Bldg., San Francisco, having plans prepared 1 story, concrete, steel and corrugated iron, 59th and Green Sts., here. $100,000. Eng. Dept. of Owners, engrs.

Calif., Emeryville—SHOPS—New Metal Products Co., 59th and Doyle Sts., plans shops on 23,000 sq.ft. site, 59th and Doyle Sts. $40,000 or more.

Calif., Fresno — PLANING MILL — Madarys Planing Mill, H and Santa Clara Sts., plans rebuilding planing plant, H and Santa Clara Sts., recently damaged by fire. $300,000 incl. equipment.

Calif., Los Angeles — FACTORY — California Glass & Chinaware Co., 653 East 61st St., having plans prepared by Merrill & Rahn, Financial Center Bldg., 2 story, 100 x 150 ft., brick, East 61st St.

Calif., Oakland—SHOPS—Bd. Educ. rejected bids Nov. 4, 1 story, concrete, 9th and Fallon Sts. To exceed $50,000.

Calif., Pasadena—SHOPS and STUDIO—Pasadena Holding Co. having plans prepared by Marston, Van Pelt & Maybury, 25 South Euclid Ave., 2 story, 90 x 280 ft., brick, stucco and steel, Colorado St. $100,000.

Calif., San Francisco — FACTORY and SHOP—Pacific Electric Mfg. Co., 5815 3rd St., had plans prepared by W. Wiemeyer, 57 Post St., 1 story, 50 x 100 ft., frame, Carroll Ave. near Jennings Ave.

Calif., Pasadena — PLANT — Crescent Creamery Co., 237 Winston St., Los Angeles, plans pasteurization and bottling plant, North Allen and Walnut Sts. To exceed $40,000.

Calif., San Francisco — PUBLISHING PLANT — Daily News Publishing Co., 340 9th St., having plans prepared 2 story (ultimately 4 story) and basement, concrete, Russ and Howard Sts. $300,000. J. H. Hjul, 128 Russ St., engr.

Que., Grande Baie — PAPER PLANT — Price Bros., 56 St. Pierre St., Quebec, plans pulp and paper plant, here. $7,000,000.

Ont., Toronto—FOUNTAIN PEN FACTORY—Parker Fountain Pen Co., 350 Sorauren Ave., plans concrete, brick and steel factory. $300,000. Engineer and architect not selected.

Bids Desired

Mass., Arlington—GARAGE and REPAIR SHOP—See "Contracts Awarded."

Mass., Cambridge (br. Boston)—REPAIR and SERVICE GARAGE—See "Contracts Awarded."

Mass., Framingham—GARAGE and REPAIR SHOP—West Boston Gas Co., 49 Howard St., taking bids 1 and 2 story, brick, Howard St. $50,000. C. M. Baker, 25 Arch St., Boston, archt. Noted Oct. 21.

Mass., Winthrop — GARAGE and REPAIR SHOP—E. Coughlin, 68 Birch St., taking bids 1 story, rein.-con., plain foundation, Shirley and Revere Sts. $50,000. Whitman & Howard, 220 Devonshire St., Boston, archts.

R. I., Providence—WAREHOUSE and GARAGE REPAIR SHOP — J. Marcus, taking bids 1 story, brick and steel, plain foundation, Otis St. $50,000. W. Richards, 511 West St., archt.

Conn., Waterbury — GARAGE, SHOWROOM and REPAIR SHOP — Wenzel & Collins, Inc., 128 Watertown Ave., taking bids 1 story and basement, 40 x 104 ft., and 40 x 50 ft., brick and steel, Watertown

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BRIDGE—HARRISBURG, PA.

Bids were opened by Commonwealth of Pennsylvania, Department of Property & Supplies, Aug. 12 (lowest four and highest), for Soldiers' and Sailors' Memorial Bridge, Contract No. 1, from (A) C. W. Strayer, 2304 North 2nd St. (awarded contract); (B) R. S. Shoemaker, 421 Walnut St.; (C) Whiting-Turner Construction Co., Stewart Bldg., Baltimore, Md.; (D) General Construction Corp., Harrisburg; (E) G. W. Rockwell, Sunbury. The unit bids are as follows:

	A	B	C	D	E
Premium for bond (lump sum)	$9,000.00	$10,000.00	$10,230.00	$10,286.00	$12,000.00
All other preliminary work specified (lump sum)	11,000.00	6,532.00	5,600.00	4,284.00	5,000.00
5,000 sq.yd. removal of brick paving and curbs	.30	1.47	.75	.57	.35
18,000 cu.yd. excavations	1.50	1.50	2.00	1.35	2.00
40 test piles	250.00	200.00	157.50	95.00	160.00
20,000 lin.ft. bearing piles 10 ft. and under in length, or less	1.50	2.65	2.35	3.02	3.00
20,000 lin.ft. or less, bearing piles between 10 ft. and 15 ft. in length	1.60	2.65	2.35	3.22	3.00
20,000 lin.ft. or less, bearing piles over 15 ft. in length	1.70	2.65	2.60	3.42	3.00
1,000 cu.yd. 1–7½ concrete in gravity retaining walls with their footings	14.50	17.50	19.55	12.29	25.00
1,000 cu.yd. 1–6 non-staining cement concrete	21.50	20.50	19.00	19.93	30.00
6,000 cu.yd. 1–6 reinforced concrete in curtain walls, retaining walls, columns, beams and slabs	16.50	19.25	22.32	18.30	33.00
500 cu.yd. 1–6 concrete in piers above foundations	13.00	14.00	15.17	13.93	24.50
7,000 cu.yd. 1–7½ concrete in pier columns and curtain walls footings	12.00	14.00	13.84	11.74	20.00
800,000 lb. reinforcing steel	.0425	.04	.04½	.051	.05
2,000 lb. copper flashing at expansion joints	.75	.45	.45	.42	.80
60,000 sq.ft. waterproofing and protection coating	.30	.30	.36	.32½	.50
2,500 cu.ft. base courses	5.60	6.40	6.67	6.56	7.00
2 hub guards	100.00	380.00	380.00	252.00	300.00
13,000 cu.ft. facing	4.40	4.40	4.94	4.92	5.40
800 lin.ft. bull nose course	19.00	22.00	23.00	20.10	19.50
2 statuary bases	2,500.00	2,200.00	2,500.00	2,347.00	3,300.00
400,000 lb. structural steel in storage space between Piers 19 and 17	.055	.048	.05	.05	.054
20,000 sq.ft. gunite protection	.55	.45	.51½	.54	.55
500 lin.ft. pipe railing	2.60	3.00	4.60	2.40	3.50
9 window openings in storage space between Piers 19 and 17	50.00	200.00	240.00	348.00	440.00
1,000 cu.yd. excavations	2.00	1.50	1.00	.78	2.00
20,000 cu.yd. fills	.30	.75	.28½	1.02	.80
8 drain inlets and covers, between Piers 21 and 17	125.00	95.00	67.00	60.00	65.00
500 lin.ft. 8 in. cast iron pipe	4.00	2.15	3.50	1.80	2.00
500 lin.ft. 8 in. terra cotta pipe	1.20	.70	1.00	1.20	1.50
400 lin.ft. 12 way terra cotta ducts	3.50	1.65	1.56	.90	2.00
400 lin.ft. 3½ in. fibre ducts	.65	.30	.35	.24	.50
2 manhole frames and covers	70.00	65.00	50.00	36.00	35.00
8 pull boxes	35.00	25.00	6.00	12.00	50.00
8 trolley pole sockets	40.00	30.00	23.00	18.00	50.00
Extended totals	$573,850	$674,777	$691,712	$691,723	$888,950

Buildings—Industrial (Continued)

Ave. $40,000. H. F. Wenzel, 6 Glen Ridge St., archt.

Ill., Chicago — ICE PLANT — See "Contracts Awarded."

Wis., Milwaukee — SERVICE — A. J. Petelinz, archt., 428 Grand Ave., taking bids 1 story, 50 x 100 ft., brick and steel, plain foundation, North Ave., for Cream City Granite & Marble Co., 417 North Ave. $40,000.

Wis., Milwaukee — BAKERY — W. E. Long Co., engrs. and archts., 155 North Clark St., Chicago, Ill., taking bids 2 story, 60 x 120 ft., brick and timber addition, Greenfield Ave., for Wehle Bros. Baking Co., 936 Greenfield Ave. $40,000. Former bids rejected. Noted Oct. 14.

Neb., Omaha—ICE PLANT—See "Contracts Awarded."

Mo., Kansas City—GARAGE—Scarritt Estates Co., Scarritt Bldg., general contract 4 story garage, to J. A. Taylor, Reliance Bldg. Archts. est. $100,000.

Calif., Los Angeles—SHOP—See "Contracts Awarded."

Calif., Los Angeles — SUB-STATION — See "Contracts Awarded."

Calif., San Jose—MACHINE SHOP and GARAGE, etc.—Pacific Gas & Electric Co., 245 Market St., San Francisco, taking bids group 1 story, concrete and galvanized iron machine shops, garage, etc., Linden Ave. and Stockton Sts., here. To exceed $50,000. Private plans.

Bids Received

Pa., Phila. — SUB-STATIONS — Dept. City Transit, H. E. Ehlers, dir., 1211 Chestnut St., Nov. 8, Sub-station 4, 72 x 89 ft., Louden St., and Sub-station 5, 65 x 84 ft., Cumberland St., both 1 story and basement, for Broad St. Subway, from Evans Steel, Inc., 2217 Chestnut St., $340,076.

O., New Philadelphia — REPAIR GARAGE—Dept. Hys. & Pub. Wks., Ohio Hartman Bldg., Columbus, 1 story, 80 x 125 ft., brick and rein.-con., here, from F. L. Ritter, New Philadelphia, $32,800.

Contracts Awarded

Caribou — HYDRO-ELECTRIC PLANT — Atlantic Pub. Utilities Inc., C. W. Young, pres., 70 State St., Boston, hydro-electric plant, here, to Ring Constr. Co., Caribou. Engrs. est. to exceed $40,000.

Me., Portland — POWER PLANT — See "Buildings—Commercial."

Mass., Arlington—GARAGE and REPAIR SHOP — J. Hurwitz, 40 Court St., Boston, will build 1 story, 140 x 155 ft., brick and steel, plain foundation, Massachusetts Ave. Work will be done by separate contracts. To exceed $150,000. Miller & Levi, 46 Cornhill, Boston, archts. Noted Nov. 18.

Mass., Boston — MANUFACTURING — Cabel Mfg. Co., 168 Northampton St., altering and constructing 4 story, 40 x 115 ft., and 25 x 55 ft., brick addition, plain foundation, to M. Bloom, 47 Savin Hill Ave., Roxbury. Archts. est. $40,000.

Mass., Cambridge (br. Boston)—REPAIR and SERVICE GARAGE—I. S. Stone, 53 State St., Boston, will build 1 and 2 story, rein.-con., plain foundation, 367 Cambridge St. $40,000 or more. Work will be done by separate contracts. Eisenberg & Feer, 46 Cornhill Boston, archts. Noted Nov. 18.

Mass., Everett (br. Boston)—PLANT—L. Erickson Electric Co., 6 Portland St., Boston, brick, Terminal St., to Clark & Lee Co., 77 Summer St., Boston. Archts. est. $40,000 or more. Noted Nov. 18.

Mass., Quincy (Ind. br. Boston), **Mass.**—FACTORY—Alfred Hale Rubber Co., 26 Linden St., 1 story, rein.-con. and brick, plain foundation, Linden St., to Clarke & Smith, 13 Temple St. Archts. est. $40,000.

Mass., Salem—FACTORY—H. K. Barnes Co., 10 Phillips St., 1 story brick addition, to Pitman & Brown, 11 Washington St., Salem.

Mass., Somerville (br. Boston) — REFRIGERATING PLANT — New Creamery Products Co., Somerville Ave., 1 story, rein.-con. and brick, plain foundation, Somerville Ave. and Fitchburg St., to New England Foundation Co., 120 Tremont St., Boston. Archts. est. $40,000.

Mass., Somerville (br. Boston)—MACHINE SHOP—Cambridge Machine and Tool Co., 234 Washington St., 1 story, 40 x 100 ft., rein.-con. and brick, plain foundation, Medford St. near Washington St., to P. J. Griffin, Inc., 42 Metcalf St., Medford.

Mass., Worcester—REPAIR and SERVICE GARAGE—H. Glick 4 Beeching St., 1 story, rein.-con. and steel, plain foundation, Portland St., to E. P. Pitfield Co., 405 Main St. Archts. est. $40,000.

R. I., Auburn—PLANT—General Fire Extinguisher Co., 1 story, 200 x 204 ft., brick and steel, to C. I. Bigney Co., 184 Washington St., Providence. Archts. est. $40,000.

R. I., Cranston — VALVE MANUFACTURING — Grinnell Co., Inc., 260 West Exchange St., Providence, 2 story, brick, plain foundation, here, to C. I. Bigney Constr. Co., 184 Washington St., Providence. Archts. est. $50,000.

R. I., Providence—PLANT—Amer. Silk Spinning Co., Admiral St., 3 story, brick addition, plain foundation, to J. W. Bishop Co., 93 Eddy St. Archts. est. to exceed $40,000. Noted Nov. 25.

Conn., Bridgeport — WAREHOUSE GARAGE and TERMINAL — Beacon Oil Co., 111 Devonshire St., Boston, Mass., 25 x 110 ft., 40 x 50 ft., and 40 x 80 ft., brick, also storage tanks, Wardin Ave., here, to Cross & Roberts, Inc., 101 Milk St., Boston, Mass.

Conn., Stamford—MACHINE SHOP—Young & Hartwright, Elm St., 2 story, 40 x 80 ft., rein.-con. and brick, Elm Court St., to Genovese & Rich, Davenport St. Archts. est. $40,000.

Conn., Stamford—FACTORY—M. Tamburri, 22 Fairfield Ave., 2 story and basement, 40 x 110 ft., brick, Fairfield Ave., to M. Mezzullo, Port Chester, N. Y. Archts. est. $40,000.

N. Y., Buffalo—FLOUR MILL—International Milling Co., 1100 Flour Exchange, Minneapolis, Minn., general contract 10 story and basement, 83 x 152 ft., rein.-con. and brick, on Buffalo River at Child St., to Peterson-Coldwell Co., 646 Builders Exch., Minneapolis, Minn. Archts. total est. $300,000. Noted Aug. 5.

N. Y., New York — PASTEURIZING PLANT and MILK DEPOT—Borden Farm Products Co., Inc., 110 Hudson St., 2 and 3 story, rein.-con., brick and steel, plain foundation, 615 West 49th St., to H. D. Best Co., 175 5th Ave. Archts. est. $350,000.

N. J., Dunellen—MACHINE SHOP—R. Hoe & Co., 504 Grand St., New York City, N. Y., 1 story, 75 x 100 ft., rein.-con., brick and steel, plain foundation, here, to Wigton-Abbott Corp., 552 West 23rd St., New York City. Archts. est. $40,000.

Pa., Doylestown — MANUFACTURING — Ballinger Co., archts., 12th and Chestnut Sts., 1 story and basement, 136 x 152 ft., rein.-con., brick and steel, plain foundation, Hamilton St., to F. H. Keiser, Pottstown, for Derk Mfg. Co., Hamilton St. Noted Nov. 18.

Pa., Lancaster—PUBLISHING HOUSE—Intelligencer & News Journal, 8 West King St., 4 story and basement, 36 x 136 ft., rein.-con., brick and steel, plain foundation, West King St., to D. S. Warfel, 452 North Prince St.

Pa., New Castle—MANUFACTURING—Universal Sanitary Mfg. Co., Greer Bldg., 1 story, 35 x 440 ft., steel addition, to Blaw Knox Co., Blaw Knox. Archts. est. $150,000.

Pa., Phila.—CLEANING and DYEING—S. G. Matthews, engr., 2016 West Lippincott St., 1 story and basement, 218 x 236 ft., rein.-con., brick and steel, plain foundation, 34th and Lehigh Sts., to A. B. MacGregor, 1628 Vine St., for Bornot, Inc., c/o Frazer Co., 1600 Walnut St. Archts. est. $200,000. Noted July 16.

O., Cincinnati — FACTORY — Ault & Wiborg, Dana Ave., 5 story and basement, 107 x 136 ft., brick and rein.-con., plain foundation, Montgomery St., to Ferro Concrete Co., Elm St., $200,000.

O., Columbus — FACTORY — Yardley Screen & Weatherstrip Co., 715 Gustavus

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Buildings—Industrial (Continued)

Lane, concrete, Essex Ave., to G. H. Moor, 38 West Gay St., $52,814. Noted Oct. 21.

O., Euclid — FACTORY — Cleveland Trencher Co., St. Clair Ave., 1 story, 59 x 60 ft., brick, steel and concrete, St. Clair Ave., to Austin Co., 16112 Euclid Ave. Archts. est. approximately $40,000.

Ind., Evansville—MACHINE SHOPS—Louisville & Nashville R.R. Co., W. H. Courtnay, ch. engr., Louisville, Ky., general contract rein.-con., brick and steel round house, office, and machine shops, to M. J. Hoffman Constr. Co., 403 Furniture Bldg., $200,000. Noted Nov. 4.

Ind., South Bend — LAUNDRY — Slicks Laundry Co., general contract 2 story, 40 x 120 ft., rein.-con., brick and steel, to R. Sollitt & Sons, South Bend. Archts. est. $40,000. Noted Nov. 18.

Ind., Terra Haute—FACTORY—Turner Bros., 25th and Locust Sts., general contract 1 story and basement, 100 x 200 ft., rein.-con., brick and steel, to G. W. North Constr. Co., Edgewood Apts. 2, $150,000. Noted Nov. 11.

Ill., Chicago—FACTORY—H. Ten Bruins & Sons, 38 South Dearborn St., masonry and carpentry contract 1 story, 83 x 125 ft., brick, 3818-24 Armitage Ave., to L. A. Gorman & Co., 38 South Dearborn St. Archts. est. $40,000.

Ill., Chicago—ICE PLANT—Peerless Ice Co., 503 South Jefferson St., will build 1 and 2 story, 35,000 sq.ft. floor space, 35th and Parnell Sts., by day labor, next spring.

Ill., Chicago—PLANT—Western Electric Company's Hawthorne Wks., C. L. Rice, working mgr., South 48th Ave. and West 22nd St., general contract remodeling and reconstructing 16 buildings, 350,000 sq.ft. floor space, to Turner Constr. Co., 6 North Michigan Ave. Archts. est. approximately $2,500,000.

Wis., Madison—PUBLISHING HOUSE—P. M. Homer, archt., Pioneer Bldg., 2 story and basement, 66 x 70 ft., rein.-con., brick and steel, plain foundation, Butler St., to C. B. Fritz Co., 138 North Frances St., for Capitol Times Co., 106 King St. Archts. est. $50,000. Noted Sept. 16.

Neb., Omaha—ICE PLANT—Filter Serv. Co., 407 Karbock Bldg., will build 2 story, rein.-con. and brick, 24th and Parker Sts., by day labor. $75,000. Private plans.

Mo., Kansas City — ICE PLANT — City Ice Co., 21st and Campbell Sts., to Patti Constr. Co., 626 Lee Bldg., general contract 1 and 2 story, 100 x 135 ft., rein.-con. and brick, 85th and Olive Sts., engrs. est. $85,000; 1 story, L shaped, rein.-con., brick and concrete block, 15th and College Sts., engrs. est. $75,000; and 1 story, 125 x 175 ft., rein.-con. and concrete block, 75th St., engrs. est. $75,000.

Mo., St. Louis—BOTTLING PLANT—Coca Cola Bottling Co., 1123 Clark Ave., 2 story and basement, 200 x 300 ft., rein.-con. and brick, Garrison St., to Cornet-Casey Co., 1626 Chemical Bldg. Archts. est. $250,000.

Mo., St. Louis—SERVICE, etc.—Chevrolet Motor Co. (subsidiary of General Motors Corp.), General Motors Bldg., Detroit, Mich., 1 story, 161 x 322 ft., rein.-con., brick and steel, Natural Bridge Rd. and Union Blvd., to Gamble Constr. Co., 620 Chestnut St.

Mo., St. Louis—ELECTRIC MANUFACTURING PLANT—W. Wurdack Electric Mfg. Co., 21 South 11th St., 1 and 2 story, 22 x 27 x 100 x 122 ft., brick and concrete, Clayton Ave. to Kremer & Voirol Constr. Co., 721 Century Bldg. Archts. est. $150,000.

Mo., St. Louis—BOTTLING PLANT—St. Louis Crystal Water Co., 2024 Walnut St., 2 story and basement, 100 x 125 ft., rein.-con. and brick, 704 Boyle St., to Murch Bros. Constr. Co., Railway Exch. Bldg. Archts. est. $40,000.

Mo., St. Louis — LAUNDRY — Dinks Parrish Laundry Corp., 3124 Olive St., remodeling and constructing 1 and 2 story, 43 x 113 ft., brick and concrete addition, to Hercules Constr. Co., Wainwright Bldg. Archts. est. $68,000. Noted Sept. 16.

Okla., Welcetka — STEAM POWER PLANT—Oklahoma Power Co., Okmulgee, 50,000 kw. steam power plant, here, to Myers Constr. Co., Chicago, Ill. Archts. est. $2,000,000.

Calif., Los Angeles—SHOP—City will build 1 story, galvanized iron shop, Griffith Park, by day labor. $40,000. Los Angeles Architectural Dept., archts.

Calif., Los Angeles — SUB-STATION — Los Angeles City Bureau Light & Power, City Hall, will build 2 story, 35 x 186 ft., rein.-con., Central Ave., by day labor. $50,000 or more.

Calif., Los Angeles — FACTORY — Los Angeles Glass Co., 111 South Bway., part 1 and 2 story, 130 x 251 ft., concrete and brick, Gramercy Pl., to A. Fenestra, 4000 Avalon Blvd.

Calif., Oakland—LAUNDRY—Union Pacific Laundry, 834-28th St., 1 story, brick, 28th St., to J. P. Brennan, 2110 Shattuck Ave., Berkeley, $42,350.

Calif., Santa Paula — PLANT — Mupu Citrus Assn., 10th St., rein.-con. packing plant annex, to D. J. Haire, 1051 South Manhattan Pl., approximately $55,500.

Calif., San Jose—PACKING PLANT—P. L. Bush, engr., 101 California St., San Francisco, 1 story, 100 x 400 ft., brick and concrete, for Plant 4, to J. D. Carlson, 76 West San Antonio St., for California Packing Corp., 101 California St., San Francisco, approximately $65,000. Noted Nov. 25.

Calif., Upland—PLANT—Upland Lemon Growers Assn., 1 story and basement, 138 x 185 ft. lemon packing plant, frame and hollow tile, to Hamm & Grant, Ferguson Bldg., Los Angeles, approximately $60,000. Noted June 17.

Que., Montreal — POWER HOUSE — Canada Sugar Refineries Ltd., 511 St. Catherine St. W., rein.-con. boiler house extension, to J. Macgregor Ltd., 121 Bishop St., $100,000.

Ont., Midland—FACTORY—International Fibre Board Co., rebuilding factory, destroyed by fire, Bay St., to McFarlane, Pratt & Hanley, Wharf St. Archts. est. $125,000. Noted Sept. 2.

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Buildings—Educational, Religious

Proposed Work

Me., South China—ACADEMY—Erskine Academy, P. Woodward, chn. com., plans rebuilding academy, recently destroyed by fire. $150,000. Engineer and architect not selected.

N. H., Hanover — FRATERNITY — Chi Phi Fraternity, c/o Wells & Hudson, archt., Hanover, having preliminary plans prepared 2 or more story and basement, brick fraternity building. $150,000.

Mass., Brookline (br. Boston)—SCHOOL—Town, School Bd., having sketches made by Kilham, Hopkins & Greeley, 9 Park St., Boston, 1 and 2 story and basement, brick and stone, plain foundation, Heath St. $150,000. Richardson & Gay, 220 Devonshire St., Boston, engrs.

Mass., Easthampton—HIGH SCHOOL—Town, School Bd. having sketches made by School Plan Serv. Bureau, Inc., 120 Front St., Worcester, Junior High School, 2 story, brick. $150,000. Noted Mar. 25.

Mass., Fall River — SCHOOL — City, Schoolhouse Dept., having sketches made by J. I. Higgins, Borden Blk., 2 story and basement, brick and stone, plain foundation, Slade, Dwelly and Lewis Sts $150,000.

Mass., Gardner — CHURCH — Finnish Evangelical Church, C. Hamalainer, 266 Pleasant St., having plans prepared by Haynes & Mason, 280 Main St., Fitchburg, 2 story and basement, brick and stone, plain foundation, West St. $150,000.

Mass., Lee—HIGH SCHOOL—Town, C. Miller, supt. schools, having sketches made by M. W. Maloney, 23 Pearl St., Springfield, 2 story and basement, brick and stone, $150,000.

Mass., New Bedford—CHURCH—First Baptist Church having sketches made by G. E. Merrill, 23 East 26th St., New York City, church, William St.

Mass., Swampscott—CONVENT—St. John the Evangelist Church, G. A. Reardon, pastor, soon lets contract 2 story and basement, brick and steel, Humphrey St. $150,000 or more. M. Sullivan, 100 Boylston St., Boston, archt. Noted Nov. 18.

Mass., Tewksbury — SCHOOL — Town, School Dept., having sketches made by H. P. Graves, 40 Middlesex St., Lowell, 2 story and basement, brick and stone, plain foundation, North Tewksbury. $150,000.

Mass., West Somerville—(br. Boston)—PARISH HOUSE—West Somerville Baptist Church, F. H. Swaffield, pastor College Ave., having sketches made by Brainerd & Leeds, 89 Franklin St., Boston, 2 story and basement, brick, College and Morrison Aves. $150,000.

Conn., East Hampton—HIGH SCHOOL—Town, School Dept., having preliminary plans prepared by School Plan Service Bureau, Inc., 363 Main St., Middletown, Junior High School. $275,000.

Conn., Middletown — DORMITORY — Wesleyan University having plans prepared by McKim. Meade & White, 101 Park Ave., New York City. Daniel Gould Harriman Memorial Dormitory, 4 story, brick and steel, campus. $150,000 or more.

N. Y., Alexandria Bay—HIGH SCHOOL—Bd. Educ., C. Garlock, pres., soon takes bids brick, steel and stone, plain foundation, Bolton Rd., here. $250,000. A. F. Gilbert, 358 5th Ave., New York City, archt. Noted Nov. 4.

N. Y., New York—HIGH SCHOOL—W. H. Gompert, engr. and archt., Flatbush Ave. extension and Concord St., Brooklyn, soon takes bids De Witt Clinton High School, 5 story, brick, steel and stone, plain foundation, Mosholu Parkway. $3,000,000.

N. J., Atlantic City — ADMINISTRATION — Bd. Educ., H. H. Young, secy., having plans prepared by H. A. Stout, Guarantee Trust Bldg., 3 story, 47 x 120 ft. administration building.

Pa., Norristown — HIGH SCHOOL — School Dist., C. I. Moore, secy., having plans prepared by Ritter & Shay, Packard Bldg., Phila., Junior High School, here.

Pa., Washington — CHURCH — First Baptist Congregation, R. D. Marriner, chn. building com., having plans prepared by J. C. Fulton & Sons, Citizens Title & Trust Bldg., Uniontown, church, College and Wheeling Sts. $200,000.

Miss., Jackson — SCHOOL, etc. — Voted $200,000 bonds, for school, $100,000 bonds public buildings, and $40,000 bonds, fire stations. A. J. Johnson, city clk. Noted Nov. 4.

O., Akron — CHURCH — Trinity & Bethany Reformed Churches having plans prepared by Nicklas & Rodrick, 1227 Prospect Ave., Cleveland, 1 story, brick and stone church. $175,000.

O., Cincinnati — HIGH SCHOOL — Bd. Educ., Denton Bldg., having plans prepared by Garber & Woodward, 4 West 7th St., Walnut Hills High School, 3 story and basement, brick and rein.-con., plain foundation, Victory Blvd. $1,000,000.

O., Columbus — CHURCH — Oakwood Park Presbyterian Congregation, I. B. Lentz, chn. building com., 81 Oakwood Park Ave., having plans prepared by W. Pettitt, 3347½ North High St., 50 x 125 ft., stone addition. $150,000.

O., Columbus — SCHOOLS — Bd. Educ., E. L. McCune, clk., having plans prepared by H. D. Smith, 207 East State St., 180 x 320 ft., brick and stone, incl. gymnasium and laboratory, Olive and Powell Sts., $795,000, and Junior High School, 100 x 850 ft., brick, concrete and stone, 19th Ave. north of Indianola Ave., $400,000, both 3 story and basement; 2 story, 50 x 200 ft., brick and concrete addition to John Burroughs School, Sullivant Ave., $150,000; and 2 story and basement, 60 x 100 ft., brick and stone addition to Open Air School, Hudson St., $150,000.

Ind., Evansville — HIGH SCHOOL — School Trustees, D. Wertz, pres., having plans prepared by F. J. Schlotter, 113½ South 4th St., rein.-con., brick and steel, incl. gymnasium. $150,000.

Ind., Marion—HIGH SCHOOL—School Trustees, W. Elkins, pres., having plans prepared by R. F. Daggett, Continental Bank Bldg., 1 story and basement, 100 x 200 ft., rein.-con., brick and steel, incl. gymnasium and auditoriums, $150,000.

Mich., Detroit—NURSES HOME—Providence Hospital, 2500 West Grand Blvd., having plans prepared by Weston & Ellington, Stroh Bldg., 4 story and basement, 150 x 200 ft., rein.-con., brick and steel, plain foundation, Wabash Ave. $750,000.

Ill., Normal—SCIENCE HALL—Illinois State Normal University, having preliminary plans prepared by W. J. Lindstrom, State House, Springfield, 3 story, concrete, brick and stone science hall. $275,000.

Wis., Milwaukee—GYMNASIUM—State Bd. Normal Regents, W. Kittle, secy., Madison, having plans prepared by A. Peabody, Capitol, Madison, brick and concrete gymnasium, plain foundation, Downer Ave., here. $150,000.

Wis., Milwaukee—SCHOOL—School Bd., F. Harbach, secy., had plans prepared by G. E. Wiley, c/o School Bd., and soon takes bids North Division High School, 3 story and basement, brick, tile and concrete addition, plain foundation, Center Ave. $200,000.

Wis., Milwaukee—CHURCH—St. Ignatius Congregation, F. Olszewski, pastor, 1110 Windlake Ave., plans 2 story and basement, brick and stone, plain foundation, 31st Ave. $150,000. Engineer and architect not selected.

Wis., Platteville—SCHOOL—State Bd. Normal Regents, W. J. Kittle, secy., Madison, plans 2 story, rein.-con., brick and steel, here. $200,000. Engineer and architect not selected.

Minn., St. Paul — SCHOOL — Christian Brothers, 204 West 5th St.' having plans prepared by O'Meara & Hills, 1611 Pioneer Bldg., 2 and 3 story and basement, rein.-con., brick and stone, Hamline Ave. and Randolph St. $400,000.

Buildings—Educational, Religious (Cont.)

Kan., Wichita—CHURCH—First Baptist Church Congregation, 301 North Lawrence St., plans 4 story and basement, 80 x 140 ft., rein.-con. and stone addition. $165,000. Engineer and architect not selected.

Neb., Omaha—SCHOOL and CHURCH—Holy Name Parish having plans prepared by E. J. Sessinghaus, 902 World Herald Bldg., and takes bids in December, 2 story and basement, 140 x 172 ft., rein.-con., stone and steel school and church. $150,000.

N. D., Wahpeton — HIGH SCHOOL — Election Dec. 7, $200,000 bonds, constructing high school, for Bd. Educ. A. H. Miller, city aud.

Ark., Ft. Smith — CHURCH — First Methodist Episcopal Congregation, A. N. Evans, pastor, 200 North 15th St., having preliminary plans prepared by R. H. Hunt & Co., 1223 James Bldg., Chattanooga, Tenn., 4 story, brick and stone addition. $150,000.

Ark., Hot Springs—CHURCH—Central Baptist Congregation, J. Howell, pastor, having preliminary plans prepared by J. P. Almand, 1107 Boyle Bldg., 2 story, rein.-con., brick and stone, Central and Orange Sts. $150,000.

Tex., Abilene—HIGH SCHOOL—Election Dec. 20, $150,000 bonds high school. C. E. Coombes, mayor.

Ore., Corvallis — UNIVERSITY — State takes bids in April, 3 story, 100 x 300 ft., rein.-con., brick, steel and stone, Oregon Agriculture College campus. $200,000. Thomas & Mercier, U. S. Natl. Bank Bldg., Portland, archts.

Calif., Berkeley — AUDITORIUM — Regents of University of California, plans fireproof auditorium, erected in connection with Hearst Memorial Project on campus. To exceed $150,000.

Calif., Beverly Hills—SCHOOL—Beverly Hills School Dist. voted $280,000 bonds, grammar school. Noted Nov. 11.

Calif., Clermont—SUNDAY SCHOOL—Allison & Allison, archts., Hibernian Bldg., Los Angeles, soon take bids 2 story and basement, 116 x 171 ft., rein.-con., for Claremont Community Church. $150,000. Noted Feb. 18.

Calif., Fresno—SCHOOLS—City having plans prepared by E. J. Kump Co., Rowell Bldg., constructing John Burroughs and Winchell Schools, to exceed $150,000; also by Felchlin, Shaw & Franklin, Patterson Bldg., fireproof gymnasium buildings for Edison Technical, Longfellow and Washington Junior Schools, to exceed $150,000. Noted Nov. 26, 1925.

Calif., Palo Alto—SCHOOL—Palo Alto Union High School Dist. voted $200,000 bonds, school additions. B. M. Clark, 310 University St., archt. Noted Oct. 28.

Calif., San Bernardino—SCHOOLS—San Bernardino City School Dist. plans 1 Grammar and 2 Junior High Schools.

Calif., San Mateo — MONASTERY — Dominican Nuns of Corpus Christie, 1090 Eddy St., San Francisco, had plans prepared by Beezer Bros., 1915 Steiner St., San Francisco, rein.-con. and pre-cast stone, Gothic type, Poplar St. To exceed $150,000. Noted May 20.

Calif., Westwood — UNIVERSITY — Southern Branch of University of California having plans prepared by Allison & Allison, Hibernian Bldg., Los Angeles, and G. W. Kelham, suprev. archt., Sharon Bldg., San Francisco, university, here. $3,000,000.

Bids Desired

Mass., Danvers—HIGH SCHOOL—Town, School Com., taking bids 2 story and basement, brick and stone, plain foundation, Conant St., $275,000. C. G. Loring, 7 Water St., Boston, archt. Noted July 8.

Mass., Dartmouth — HIGH SCHOOL — Dec. 7, by Town, School Com., 2 story and basement, 65 x 180 ft., rein.-con., brick and steel high school. $150,000. Brown & Poole, 688 Pleasant St., New Bedford, archts. Noted Aug. 5.

Mass., Hyannis — SCHOOL — Hyannis Training School, J. L. Howard, chn., taking bids altering and constructing 2 story and basement, brick and stone addition, plain foundation. $150,000. F. I. Cooper Corp., 172 Tremont St., Boston, archt.

Mass., Sandwich—SCHOOL—Town, S. M. Beale, chn. com., taking bids 2 story and basement, brick and stone, plain foundation. $150,000. Derby & Robinson, 3 Joy St., Boston, archts. Noted July 1.

Mass., Shrewsbury — SCHOOL — Town, S. H. Shepard, chn. School Com., taking bids 2 story and basement, 70 x 105 ft., brick, stone and tile, South Quinsingamond Ave. $150,000. School Plan Serv. Bureau, Inc., 120 Front St., Worcester, archts. Noted Oct. 28.

Conn., Waterbury — SCHOOL — City, Dept. Educ., taking bids 2 story and basement, 40 x 65 ft., and 60 x 80 ft., brick and stone addition, Columbia Rd. $150,000. L. A. Walsh, 51 Leavenworth St., archt.

N. Y., Newburgh — CONVENT and ACADEMY — Dec. 8, by Sisters of Order St. Dominic, 6 story, 50 x 236 ft. convent and academy, and 2 story, 47 x 116 ft. chapel rein.-con., brick and steel, plain foundation, Mt. St. Marys on the Hudson. E. G. Perrot, 1211 Arch St., Phila., archt.

N. Y., Springfield (Jamaica P. O.) — SCHOOL — Dec. 21, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 132, 218th St., here, for Bd. Educ., 500 Park Ave., New York City. Noted Dec. 17, 1925.

Ga., Macon — COLLEGE — Dec. 6, by Walker & Weeks, archts., 1900 Euclid Ave., Cleveland, O., and Dunwoody & Olyphant, consult. archts., 460 Bway., group 2 and 3 story, concrete, brick and steel college buildings, here, for Wesleyan College. $750,000.

La., New Orleans—SCHOOL—Dec. 10, by E. A. Christy, superv. archt. New Orleans Parish School Bd., City Hall Annex, McDonogh School 8, 2 story, 160 x 200 ft., brick and stone, Constance and 9th Sts.

O., Shaker Heights (Cleveland P. O.)—SCHOOL—Laurel School for Girls, c/o S. E. Lyman, 1971 East 97th St., Cleveland, taking bids 2 and 3 story, brick, steel and concrete main building, residence hall, service building and conservatory. $500,000. J. H. Graham & Co., 1612 Euclid Ave., Cleveland, archt.

Ind., East Chicago—CHURCH—Baptist Church, A. Rhodes, pastor, East Chicago, taking bids 2 story and basement, rein.-con., brick and steel church. $150,000. W. Ellwood, Christman Bldg., South Bend, archt. Noted Sept. 30.

Wis., West Milwaukee (Milwaukee P. O.)—HIGH SCHOOL—Dec. 15, by School Dist. 12, G. Niederstadt, clk., 2 story and basement, 56 x 70 ft., and 78 x 148 ft., rein.-con., brick and tile incl. swimming pool, plain foundation, Greenfield Ave. $200,000. M. Tullgren & Sons, 9 Waverly Pl., Milwaukee, archts. Noted Aug. 12.

Ia., Des Moines—HIGH SCHOOL—Dec. 7, by Bd. Educ., G. L. Garton, secy., 2 story and basement, 230 x 350 ft., rein.-con., brick and stone, 31st and Center Sts. $350,000. Proudfoot, Rawson & Souers, 810 Hubbell Bldg., archts. Noted Nov. 11.

Kan. Olathe—HIGH SCHOOL—Dec. 6, by Secretary Bd. Educ., 3 story and basement, 62 x 123 ft. and 62 x 169 ft., L shaped, rein.-con. and brick high school. $150,000. Owen, Sayler & Payson, 505 Interstate Bldg., Kansas City, Mo., archts. Noted Sept. 2.

Bids Received

Mass., West Roxbury (sta. Boston) — SCHOOL—City, Schoolhouse Dept., Boston, 1 story and basement, brick and limestone, plain foundation, Robert Gould Shaw Dist., Wren St., here, from Phandor Co., 18 Tremont St., Boston, $92,454. Noted Nov. 18.

Pa., Erie—SCHOOL—Bd. Educ., Nov. 17, 2 story and basement, 82 x 160 ft., brick, steel and concrete addition to Irving School, from E. J. Conrath, Aerial Bldg., $145,500. Noted Nov. 11.

Pa., Wilkinsburg—SCHOOL—Bd. Educ., general contract Turner Grade School, 2 story and basement, irregular shaped, brick and steel, Laketon Rd., from J. G. Fullman Co., E. E. Trust Bldg., Pittsburgh, $134,500. Noted Nov. 4.

O., Cleveland—SCHOOL—Bd. Educ., F. G. Hogen, dir., East 6th St. and Rockwell Ave., altering 3 story and basement, brick, steel and concrete, East 71st St. and Hough Ave., from Schrader Constr. Co., Auditorium Garage Bldg., $192,000. Noted Nov. 4.

Calif., Eagle Rock (br. Los Angeles)—HIGH SCHOOL—Los Angeles Bd. Educ., general contract 2 story, 64 x 270 ft. administration building with 45 x 120 ft. wing, 88 x 140 ft. auditorium, 1 story 60 x 120 ft. domestic science building with 35 x 120 ft. wing, 1 story, 100 x 150 ft., gymnasium and 62 x 110 ft. shop, all brick, here, for Eagle Rock Junior School Dist., from J. F. Atkinson, Story Bldg., $249,150; plumbing, from T. Haverty, 316 East 8th St., Los Angeles, $32,692, also heating and ventilating, from J. J. Meskell, Los Angeles, $34,950. Noted Nov. 11.

Calif., Los Angeles — CHURCH — Immanuel Presbyterian Church, Nov. 5, 3 story, 136 x 220 ft. church, and 4 story, 60 x 145 ft. parish house, brick and steel, Wilshire and Berendo Sts., from Simpson Constr. Co., Bank of Italy Bldg., to exceed $500,000. Noted Oct. 28.

Contracts Awarded

N. H., Nashua — SYNAGOGUE — Beth Abraham Congregation, A. W. Slawsby, chn., 1 story and basement, brick and stone, plain foundation, Cross and Lock Sts., to D. F. Holt & Son, 112 Vine St. Archts. est. $150,000. Noted Nov. 26.

Mass., Lowell—SYNAGOGUE—Independent Order of B Nai Brith, c/o A. Golden, pres., 2 story and basement, brick, stone and marble, plain foundation, Princeton Blvd., to M. Palefsky, 92 Gates St. Archts. est. $150,000.

Mass., Quincy (Ind. br. Boston) — PARISH HOUSE—Union Congregational Church, c/o W. B. Ayers, pastor, 35 West Elm Ave., 3 story and basement, brick and stone, plain foundation, Rawson Rd., to Clark & Smith, 13 Temple St. Archts. est. $150,000.

R. I., West Warwick (mail Warwick)—HIGH SCHOOL—Town, School Bd., Junior High School, 2 story and basement, brick and stone, plain foundation, Washington Sq., to E. Turgeon, 86 Weybosset St., Providence. Archts. est. $150,000 or more. Noted Oct. 21.

Conn., Norwichtown (Ind. br. Norwich) —SCHOOL — City of Norwich, W. F.

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Buildings—Educational, Religious (Cont.)

Lester, chn., 2 story and basement, 120 x 160 ft., brick and steel, incl. auditorium, here, to P. F. Sweeney, 25 Chestnut St., Norwich; plumbing and heating to H. C. Dahl, Boswell Ave., Norwich. Archts. est. $225,000. Noted Oct. 28.

N. Y., South Jamaica (mail Jamaica)—SCHOOL—Bd. Educ., 500 Park Ave., New York City, general contract P. S. 123, 119th St. from 145th to Inwood Sts., here, to Gibbs Rice Co., Inc., 130 Sheriff St., New York City, $437,300. Noted Nov. 25.

N. Y., Syracuse—SCHOOLS—Bd. Contract & Supply, City Hall, general contract 1st and 13th Ward Schools, 2 story and basement, 105 x 250 ft., brick and rein.-con., plain foundation, to Jenks & Venton, S. A. & K. bldg., $514,570; heating equipment, to G. Group & Sons, 607 North Salina St., $58,885; and plumbing, etc., to P. C. Shane, 428 West Castle St., $51,900. Grand total $625,355. Noted Nov. 18.

Md., Baltimore — CHURCH and PAROCHIAL SCHOOL—St. Bernards Church, Independence and Gorsuch Ave., 1 and 2 story and basement, 75 x 150 ft., granite, limestone and stone buildings, Independence and Gorsuch Ave., to J. J. Moylan, 538 North Calvert St., $150,000.

D. C., Wash.—SCHOOL—Dist. Comrs., District Bldg., general contract John Burroughs School addition, to J. B. Ginechesi, Inc., 1635 Connecticut Ave., $188,835. Noted Oct. 28.

N. C., Rocky Mount — SCHOOLS — Bd. School Trustees, fireproof high school, to D. J. Rose & Son, Rocky Mount $162,000, 7th Ward School, to S. S. Toler, Rocky Mount $52,794, and school for negroes, to J. W. Hudson, Jr. Tarboro, $55 139; heating for above, to Raleigh Iron Wks., 124 South West St., Raleigh, $27,764. Noted Oct. 28.

Fla., Jacksonville—CHURCH—Mark & Sheftall, archts., Clark Bldg., 1 story and basement, 83 x 118 ft., rein.-con., brick and stone, Park St., to W. D. Gerbrich Co., 325 West Forsyth St., for Riverside Presbyterian Church. Archts. est .$200,000. Noted Nov. 11.

O., Kent—LIBRARY—Bd. Trustees Kent State Normal School, W. A. Cluff, secy., 2 story and basement, 100 x 125 ft., concrete, stone and marble, to Woods Constr. Co., Oxford, $187,600. Noted Nov. 11.

Ind., New Albany — HIGH SCHOOL — School Trustees, M. E. Clark, pres., general contract rein.-con., brick and steel, incl. gymnasium, domestic science, manual training, and laboratory, to E. Embrey, Elsby Bldg. $300,000. Noted Oct. 21.

Okla., Shawnee—DORMITORY—Baptist University, Girls Dormitory, 3 story and basement, 54 x 228 ft. with 27 x 36 ft. wing, rein.-con. brick and stone, to W. L. Scott, Sulphur. Archts. est. $150,000. Noted Sept. 2.

Calif., Fresno — SCHOOL — Bd. Educ., Fresno School Dist., 2 story, rein.-con., incl. 30 classrooms, library and auditorium, for Edison Technical School, carpentry contract, to Peterson & Eissler, De Young Bldg., San Francisco, $46,000; concrete work, to Shorb & Neads, 1131 Forthcamp St., $29,718; plastering, to J. Masi, 515 Oleander St., $24,800, etc. Noted Oct. 7.

Calif., Oakland—SHOPS—Bd. Educ., 1 story, concrete, 9th and Fallon Sts., from R. W. Littlefield, 367 12th St., $63,430. Noted Oct. 28.

Que., Lachine—SCHOOL—School Bd., 3 story, brick and steel, 10th Ave., to Cook & Leitch, 698 St. Catherine St., Montreal, $160,000.

Federal Government Work

Proposed Work

Md., Annapolis — Deferrication Plant — Spec. 5284—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans deferrization plant at Marine Barracks, here.

Mo., Kansas City — Revetment, etc. — U. S. Engineer Office, 707 Postal Telegraph Bldg., soon takes bids revetment work, retards, dikes and dredging channel, etc. in Missouri River between mouth of river and here.

Bids Desired

N. Y., Fire Island (mail Babylon)—Radio Towers—Spec. 5244—Dec. 15, Bureau Yards & Docks, Navy Dept., Wash., D. C., steel towers at naval radio compass station, here.

Pa., Phila.—Dredging—Dec. 10, by U. S. Engineer Office, Wash., D. C., dredging in Delaware River, here.

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Va., Richmond—Piping—Dec. 26, by Treas. Dept. at office Supervising Archt., Wash., D. C., piping at U. S. Post Office, here.

N. C., Oteen—Quarters—Dec. 28, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., for M. O. C. quarters and 3 duplex officers quarters, at U. S. Veterans Hospital 60, here. F. T. Hines, dir.; adv. E. N.-R. Dec. 2.

Wyo., Buffalo—Post Office—Dec. 15, by Treas. Dept. at office Supervising Archt., Wash., D. C., 2 story and basement, brick and stone, post office, incl. mechanical equipment and approaches, here.

Wyo., Cody — Post Office — Dec. 15, by Treas. Dept. at office Supervising Archt., Wash., D. C., 2 story and basement, brick and stone, incl. mechanical equipment and approaches, here.

Wyo., Sheridan—Waterproofing—Dec. 28, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., waterproofing reservoir at U. S. Veterans Hospital 86, Fort MacKenzie, here. Noted Nov. 4.

Mont., Missoula — Extension — Jan. 14 (extended date), by Treas. Dept., at office Supervising Archt., Wash., D. C., extension to U. S. Post office, here.

Tex., Wichita Falls—Water Piping—Dec. 15, by Treas. Dept., at office Supervising Archt., Wash., D. C., water piping at U. S. Post Office, here.

Idaho, Sandpoint—Post Office—Dec. 13, by Treas. Dept. at office Supervising Archt., D. C., constructing U. S. Post Office, here.

Calif., San Diego—Solarium—Spec. 5281—Dec. 19, by Bureau Yards & Docks, Navy Dept., Wash., D. C., solarium for nurses quarters at Naval Operating Base Hospital, here.

T. H., Pearl Harbor—Pier—Spec. 5210—Jan. 19, by Bureau Yards & Docks, Navy Dept., Wash., D. C., extending pier, here.

Bids Received

Massachusetts — Dredging — U. S. Engineer Office, Providence, R. I., dredging in New Bedford and Fairhaven Harbors, here, from J. S. Packard Dredging Co., Turks Head Bldg., Providence, R. I., $24,601. Noted Oct. 21.

N. J., Montclair — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., Nov. 23, brick and stone post office, here, from J. Tevss, 116 West 20th St., Norfolk, Va., $147,953. Noted Nov. 11.

D. C., Wash.—Boiler House, etc.—Constructing Quartermaster, Munitions Bldg., boiler house and heating system, at Machine shop, Bolling Field, from M. H. Paganhardt, 2130 Locust St., Phila., Pa., $15,678. Noted Nov. 18.

Ga., Americus — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., Nov. 26, remodeling U. S. Post Office, here, from A. M. Lundberg, 208 North Bway., St. Louis, Mo., $9,600. Noted Nov. 11.

O., Dayton—Pump House—Constructing Quartermaster, Wright Field, Nov. 23, pump house with necessary machinery and equipment at Wright Field, here, from Pittsburgh-Des Moines Steel Co., Curry Bldg., Pittsburgh, Pa., $26,600. Noted Nov. 18.

Minn., Montevideo—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., U. S. Post Office, here, from J. H. Olsen, Willmar, $52,240, alt. $2,464. Noted Nov. 11.

Tex., Paris—Extension—Treas. Dept. at office Supervising Archt., Wash., D. C., Nov. 24, extension to U. S. Post Office, here, from C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., $72,000. Noted Nov. 11.

Calif., Mare Island—Boilers—Spec. 5288—Bureau Yards & Docks, Navy Dept., Wash., D. C., Nov. 24, four 300 hp. water tube boilers, with brick settings from Lawson & Drucker, 465 Tehama St., San Francisco, $49,700; and alternative Bid A, from Erie Iron Wks., Hearst Bldg., Baltimore, Md., $55,272. Noted Nov. 18.

Contracts Awarded

D. C., Wash.—Derrick Boat—U. S. Engineer Office, 1068 Navy Bldg., 15 ton steel hull derrick boat, to Charleston Dry Dock & Machine Co., Charleston, S. C., $65,950. Noted Oct. 7.

Va., Norfolk—Barge—U. S. Engineer Office, 80 x 26 x 5 ft. steel oil barge, to Newport News Shipbuilding & Dry Dock Co., Newport News, $17,000. Noted Oct. 21.

Wis., Milwaukee — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling tower of U. S. Post Office, courthouse and custom house, to T. W. Cissel, Bethlehem, Pa., $4,250. Noted Sept. 16.

Washington — Quarters — Spec. 5230 — Bureau Yards & Docks, Navy Dept., Wash., D. C., quarters at radio compass station, Klipsan Beach, to M. O. Peabody, 623 11th St., Bremerton, $3,661. Noted Nov. 25.

Unclassified

Proposed Work

Overpass—Boston, Mass.—City and Commonwealth of Massachusetts plans overpass over Commonwealth Ave. at St. Mary's St. To exceed $25,000. Engineer not selected.

Coal Dump, etc., South Boston (Boston P. O.), **Mass.**—See "Buildings-Industrials."

Golf Links — Watch Hill (Ind. sta. Westerly), **R. I.**—See "Buildings—Commercial."

Golf Course and Club—Cromwell, Conn. — Syndicate, c/o A. N. Shepard, colonel, Main St., Portland, Me., plans 18 hole golf course and club house on large acreage, Goodrich Heights. To exceed $25,000. M. Kearney, Hartford, engr.

Gallows Frames—New York, N. Y.—A. Goldman, comr. Plant & Structures, Municipal Bldg., rejected bids Nov. 5, gallows frames and operating equipment for Slip 5, Whitehall Ferry Terminal, foot Whitehall St.; and at Slip 5, St. George Ferry Terminal, Richmond Boro. Will readvertise. Noted Nov. 11.

Stadium—Jersey City, N. J.—Madison Square Garden, G. L. Rickard, pres., 8th Ave., New York City, plans stadium at Boyles 30 Acres, here. $2,000,000. Engineer and architect not selected.

Land Development — Jackson, Miss. — Homestead Development Co., J. M. Stevens, pres., making preliminary plans brick and concrete warehouse, 58 residences, paving streets, sidewalks, sewers, etc. N. W. Overstreet, Midway Bldg., engr.

Park Improvements — Jackson, Miss. — Voted $65,000 bonds, park improvements. A. J. Johnson, city clk. Noted Nov. 4.

Engine, etc.—Franklin, La.—City takes bids about Dec. 15, 400 or 500 hp. diesel oil engine and generator set, and certain switch board equipment, additions, foundations, etc. at municipal power house. H. A. Mentz, Hammond, engr.

Tunnel—Chattanooga, Tenn.—Hamilton Co. made surveys tunnel through Missionary Ridge (Highway) $600,000. E. G. Munell, Chattanooga, co. engr. A. M. Nelson, Chattanooga, consult. engr. Noted Sept. 2.

Grade Separation — Fordson, Mich. — Wayne Co. Rd. Comn., Real Estate Exch. Bldg., Detroit, making plans grade separation structures, incl. concrete bridges to carry 4 railroad tracks over superhighway on Michigan Ave., for Wayne Co. (Detroit), City of Fordson, Michigan Central R.R. Co., J. F. Deimling, ch. engr., Passenger Terminal Sta., Detroit, and Pere Marquette Ry. Co., H. A. Cassil, ch. engr., Fort St. Union Depot, Detroit. $1,500,000.

Grade Separation—Minneapolis, Minn.—Northern Pacific R.R. Co., H. E. Stevens, ch. engr., Ry. Exch. Bldg., St. Paul, plans grade separation between Monroe St. northeast to and incl. Lowry Ave. $350,000.

Underpasses — Winfield, Kan. — See "Streets and Roads."

Swimming Pools—St. Louis, Mo.—See Buildings-Commercial."

Natural Gas Line—Texas—Western Gas & Fuel Co., 504 City Natl. Bank Bldg., San Antonio, takes bids about Dec. 1, 35 mi. 8 in. natural gas pipe line, Dresser line, Medina Co. to San Antonio. $130,000. Private plans.

Oil Pipe Line—Texas—Gulf Pipe Line Co., Ranger, making preliminary plans, etc. 235 mi. 16 in. oil pipe line from Ranger Station to company tank farm at Panhandle City in Hutchinson Oil Field, 30,000 bbl. p.d. capacity. Pipe may be purchased in open market and lay with day labor, not yet decided. $5,000,000. Private plans.

Sub-division Development — Beaumont, Tex. — W. A. Garrabrant Co., c/o Hotel Beaumont, making plans sub-division development, incl. shell streets, etc. on 1,600 acres Calder Rd. $50,000. Private plans.

Grain Elevator—El Campo, Tex.—El Camp Rice & Milling Co., having preliminary plans, etc. prepared grain elevator, probably rein.-con., replacing one recently destroyed by fire. $100,000. Private plans.

Lighting System—Palestine, Tex.—City, J. P. Elam comr., making plans changing present gas lighting system to electric. $25,000. Private plans.

Park Improvements, etc.—San Antonio, Tex.—Voted $150,000 bonds, park improve-

Unclassified (Continued)

ments and swimming pool. I. Ewig, city engr. Noted Sept. 16.

Sub-division Improvements—San Antonio, Tex.—O. J. Shearer, 107 Mary Louise Dr., takes bids about Dec. 10, 95 acres subdivision improvements, incl. paving various streets, water distributing system, natural gas system and electric lights, and concrete sidewalks. $200,000. Private plans.

Oil Pipe Line — Oklahoma — Magnolia Petroleum Co. (subsidiary Standard Oil Co.), Maud, making preliminary plans 20 mi. 6 in. oil pipe line from Maud to Seminole oil fields. $75,000. Private plans.

Transmission Line — Oklahoma — Oklahoma Gas & Electric Co., Insurance Bldg., Oklahoma City, made preliminary plans 20 mi. 23,000 volt transmission line from Seminole to Earlsboro and distribution system in Earlsboro, $35,000; also 18 mi. 23,000 volt transmission line from Harrah to Jones and Choctow, and distribution system in each town, $32,000. Byllesby Eng. Co., 231 South La Salle St., Chicago, engrs.

Gas System — Covington, Okla. — Voted $35,000 bonds, natural gas distribution system. Address Mayor.

Lighting System—Mountain View, Calif.—Made plans ornamental lighting system on portions Nelson Manor, Sierra and Yosemite Sts., etc., 3,300 ft. 1 in. conduit, 4,600 ft. lead covered, and 600 lin.ft. double braid covered electric conductor, etc. C. C. Kennedy, Call Bldg., San Francisco, engr.

Lighting System — Pasadena, Calif. — Plans ornamental lighting system on portions Del Rey Ave., Villa St., etc. To exceed $25,000.

Golf Course—Pismo Beach, Calif.—See "Buildings—Commercial."

Comfort Station—Outremont, Que.—City Council plans public comfort station. $138,000.

Transmission Line—Ontario and Quebec—Ottawa-Montreal Power Co., Hull, Que., soon takes bids transmission line from Hawkesbury, Ont., to Hull, Que.

Bids Desired

Comfort Station—Brooklyn, N. Y.—Dec. 8, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, public comfort station, Manhattan Bridge Plaza, here.

Elevator—Brooklyn, N. Y.—Dec. 10, by B. S. Coler, comr. Dept. Pub. Welfare, Municipal Bldg., New York City, electric elevator complete with all equipment and enclosure, main hospital building, Kings Co. Hospital, Clarkson St., here.

Asphalt Paving Unit, etc. — New York, N. Y.—Dec. 6, by J. Miller, pres. Manhattan Boro, Municipal Bldg., improving asphalt paving plant, 90th St. and East River, incl. asphalt paving unit, dust elimination and fuel oil systems, etc.

Platform, etc.—New York, N. Y.—Dec. 8, by M. Cosgrove, comr. Docks, Pier "A," foot Battery Pl., platform and shed adjacent to North side Pier 2, North River.

Pier—Bradentown, Fla.—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Causeway — Clearwater, Fla. — See "Bridges."

Parks—St. Petersburg, Fla.—See "Contracts Awarded."

Swimming Pool—West Milwaukee (Milwaukee P. O.), **Wis.**—See "Buildings—Educational, Religious."

Airplane Hangar—St. Paul, Minn.—Dec. 7, by A. E. Eggert, city purch. agt., constructing 85 x 100 ft. airplane hangar, accomodating 8 planes. $35,000. F. X. Tewes, City Hall, archt. Noted Nov. 25.

Transmission Line — Texas — See "Contracts Awarded."

Rip-Rap and Mound Walls—Los Angeles, Calif.—See "Contracts Awarded."

Bids Received

Lighting System—Berkeley, Calif.—E. M. Hann, city clk., ornamental lighting system on University and Shattuck Aves., from F. J. O'Shaughnessy, 2732 Vallejo St., San Francisco, $59,478. Noted Sept. 30.

Lighting System—Beverly Hills, Calif.—City Trustees, Nov. 15, c.l. standards on Wilshire Blvd., from H. H. Walker, 1323 Venice Bldg., Los Angeles, $119,576. Noted Oct. 28.

Lighting System—Fresno, Calif.—Ornamental lighting system on H St. between Fresno St. and Belmont Ave., from Robinson Electric Co., 141 College Ave., $25,400.

Lighting System—Los Angeles, Calif.—Ornamental lighting system in Western Ave. between Wilshire Blvd. and Pico St., also Figueroa St. between Slauson and Florence Aves., from Reid Co., 389 Clementina St., San Francisco, $36,450 and $31,950 respectively.

Contracts Awarded

Swimming Pool—Williamstown, Mass.—Williams College H. A. Garfield, concrete swimming pool and gymnasium addition, to J. R. Hampson & Co., Inc., 184 North St., Pittsfield. Noted Oct. 28.

Balustrade — New York, N. Y. — Dept. Parks, Park Bd., Arsenal Bldg., Central Park, F. D. Gallatin, pres., artificial granite balustrade and base course on top present bulkhead wall along easterly boundary of Harlem River Driveway, to Ascher Eng. & Constr. Co., 1457 Bway., New York City. $63,400. Noted Nov. 4.

Subsidiary Pipes—New York, N. Y.—A. Goldman, comr. Plant & Structures, Municipal Bldg., installing subsidiary pipes between manholes and traffic post locations and erection of traffic control posts, etc., to W. F. Kenny Co., 44 East 23rd St., $22,339. Noted Nov. 25.

Electrical Work—New York, N. Y.—B. S. Coler, comr. Dept. Pub. Welfare, Municipal Bldg., completing Contr. 4, electrical work at Bronx General Hospital, East 167th St., to T. F. Jackson, Inc., 99 John St., $65,400. Noted Nov. 18.

Subway—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing Sect. 5, Route 101, under 6th Ave. and Greenwich Ave. from West 3rd to Bank Sts., to Oakdale Contg. Co., Harris and East Aves., Long Island City, $8,839,672. Noted Nov. 4.

Signal Lights — Phila., Pa. — Delaware River Bridge Joint Comn., 806 Widener Bldg., signal lights for Delaware River Bridge, to Ford & Kendig, 1428 Callowhill St., $46,736. Noted Nov. 25.

Parks—St. Petersburg, Fla.—City will develop 40 acres into parks, incl. paths, and waterworks, by day labor. $225,000. J. Luchine, City Hall, engr. C. W. Leavitt & Son, 285 Madison Ave., New York City, consult. engrs.

Bulkhead and Fill—Stuart, Fla.—Concrete bulkhead and fill at Frazier Creek, to Eno Constr. Co., St. Augustine, $69,389. Engrs. est. $75,000.

Mechanical Equipment—Columbus, O.—Bd. Educ., 207 East State St., E. L. McCune, clk., contract for mechanical equipment for McGuffy School, Mock Rd., to Redmon Heating Co., 146 North 4th St., Louisville, Ky., $80,600. Noted Sept. 2, under "Buildings—Educational, Religious."

Lighting System—Gary, Ind.—Bd. Pub. Wks., for Bway. electric lighting system, to U. S. A. Co., Room 430, 844 Rush St., Chicago, Ill., $120,441. Noted Sept. 30.

Foundation—Racine, Wis.—See "Buildings—Industrial under Proposed Work."

Gas Supply Line and Distributing System—Texas—Texas Gas Co., c/o W. W. Graves, Amarillo, 225 mi. main gas supply line from Amarillo gas field south to Slaton, to Connor Constr. Co., 407 Security Bldg., Kansas City, Mo., J. W. Moore Constr. Co., and Panhandle Constr. Co., Lubbock, also R. Irick, Plainview; also distributing systems in Tulia, Plainview, Lockney, Floydada, Lubbock and Slaton, to Williams Bros., Pipe Line Constr. Midco Bldg., Tulsa, Okla. Total $4,000,000. Noted Nov. 4.

Gas Pipe Line—Texas—Western Gas & Fuel Co., 504 City Natl. Bank Bldg., San Antonio, 20 mi. 8 in. Dresser gas pipe line from southern extremity present line in Webb Co. to Henne, Winch-Farris Fields in Jim Hogg Counties, to McPherson Constr. Co., c/o Medical Arts Bldg., San Antonio, approximately $75,000.

Transmission Line—Texas—Texas Central Power Co., c/o Frost Bldg., San Antonio, will build hi-line from Uvalde to Sabinal. Work will be done by day labor. $35,000. Private plans.

Golf Course and Swimming Pool — Seattle, Wash.—See "Buildings—Commercial."

Lighting System—Fresno, Calif.—Ornamental lighting system on H St. between Fresno and Belmont Aves., to Robinson Electric Co., 141 College Ave., $25,400.

Swimming Pool—Lodi, Calif.—Trustees Lodi Union High School Dist., general contract 30 x 75 ft. swimming pool and building enclosure, to H. H. Henning, Stockton, $32,480. Noted Oct. 21.

Rip-Rap and Mound Walls—Los Angeles, Calif.—Los Angeles Harbor Comn. will construct rip-rap and mound walls in vicinity Berths 256 and 257, approximately 25,000 tons heavy rock, by day labor. $75,000 or more.

Swimming Pool—Los Angeles, Calif.—See "Buildings—Commercial."

Store House, Shops, etc. — Richmond, Calif.—Atchison, Topeka & Santa Fe R.R. Co., C. F. W. Felt, ch. engr., 80 East Jackson Blvd., Chicago, Ill., concrete and steel store houses, offices and shops, etc., here, to C. A. Fellows, Central Bldg., Los Angeles, approximately $30,000.

Wharves—San Pedro, Calif.—Southwestern Wharf Co., 1003 Higgins Bldg., Los Angeles, altering and constructing new wharves, here, to Pan Pacific Constr. Co., 629 Citizens Natl. Bank Bldg., Los Angeles. Engrs. est. approximately $127,000.

Materials

Proposed Work

Pipe—Texas—See "Unclassified."

Cedar Poles—Lompoc, Calif.—City plans to purchase cedar poles, eight 45 ft. by 8 in. top, forty 40 ft. x 8 in. top, and fifty 35 ft. by 7 in. top. G. Saunders, city clk.

Bids Desired

Insulated Cable, etc.—South Boston (sta. Boston), **Mass.**—Dec. 7, by Transit Dept., Boston, 32,300 ft. 2,000,000 C M, 6,400 ft. 1,000,000 C M, 300 ft. 500,000 C M, and 25 ft. 4-0 lead covered rubber insulated cable; also 12,500 ft. 3,000,000 C M, and 800 ft. 500,000 C M bare soft drawn copper wire, freight prepared f.o.b. cars Walworth siding, East 1st and O Sts., here. T. E. Sullivan, chn.

Lumber — South Boston (sta. Boston), **Mass.**—Dec. 15, by Transit Dept., Boston, 60,000 ft. 2 x 6 in., 12,000 ft. 3 x 6 in., 1,000 ft. 6 x 12 in. and 17,000 ft. 1¼ x 3½ in. merchantable quality, and 1,000 ft. 1 x 4 in. standard quality sawed hard pine lumber, also 919,000 ft. 6 x 8 in. sawed hard pine ties, freight prepaid f.o.b. cars Walworth siding, East 1st and O Sts., here. T. F. Sullivan, chn.

Frogs, Switches and Crossings—Phila., Pa.—See "Bridges."

Joint Bars, etc.—Phila., Pa.—Dec. 6, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., joint bars, track bolts and spikes, tie plates, etc., Contr. 69-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Plate Glass, etc.—Florence, Ala.—J. S. Kernachon, Jr., in market plate glass, steel sash and structural steel for store fronts.

Pipe Covering—Indianapolis, Ind.—Dec. 7, by Comrs. Schools, seventy 3 in. and 160 each of 1- to 6-in. 3 ft. 85% basic hydrated carbonate of magnesia pipe covering. U. M. Fraser, 150 North Meridian St., dir.

Lumber—Atlantic, Ia.—Dec. 6, at office Auditor Cass Co., 348,412 ft. creosoted sawed fir lumber, 10,000 ft. red cedar piling, and 6,600 ft. creosoted yellow piling. G. F. Canon, Atlantic, co. engr.

Lumber—Decorah, Ia.—Dec. 7, at office Auditor Winneshiek Co., 251,220 ft. fir lumber. F. W. Arneson, Decorah, co. engr.

Lumber, etc.—Leon, Ia.—Dec. 14, at office Auditor Decatur Co., 233,000 ft. lumber, 5 cars piling, 1 car posts, 4,750 ft. corrugated culvert pipe. F. G. Mallette, Leon, co. engr.

Culvert Pipe—Washington, Ia.—Dec. 7, at office Auditor Washington Co., 2,548 ft. 15 in. culvert pipe. W. P. Rawn, Washington, co. engr.

Ties—San Francisco, Calif.—Dec. 8, by Bd. Pub. Wks., 25,000 California Redwood, Port Oxford Cedar or Western Red Cedar railroad ties, Contr. 151 of municipal railways system. M. M. O'Shaughnessy, city engr.

Bids Received

Road Oil—Fresno, Calif.—D. M. Bannwell, clk. Fresno Co., 125,000 bbl. road oil, from Standard Oil Co., Standard Oil Bldg., San Francisco, at $0.90 per bbl. Noted Nov. 11.

Contracts Awarded

Inorganic Dust, etc.—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., 40 tons inorganic dust, to New York Trap Rock Co., 101 Park Ave., $2,176; and 100,000 gal. asphaltic cement, to Warner Quinlan Co., 79 Wall St., $6,270. Noted Nov. 25.

Offset Bends—Chicago, Ill.—Dept. Pub. Wks., Room 406, City Hall, 50 tons c.i. offset bends for 6, 8 and 12 in. water pipe at various pipe yards, to Ashton & Russell, 163 West Washington St., at $89 per ton, total $4,450. Noted Nov. 4.

Cement — Sacramento, Calif. — State Purch. Dept., approximately 100,000 bbl. portland cement, to Cowell Lime & Cement Co., 2 Market St., San Francisco, at $2.48 per bbl. Noted Nov. 18.

Steel Rail — Montreal, Que. — Canadian Natl. R.R., 230 St. James St., C. S. Gzowski, ch. engr. (constr.), 25,000 steel rail, to Dominion Iron & Steel Co., Halifax, N. S., approximately $1,105,000.

See proposal advertising on page 165

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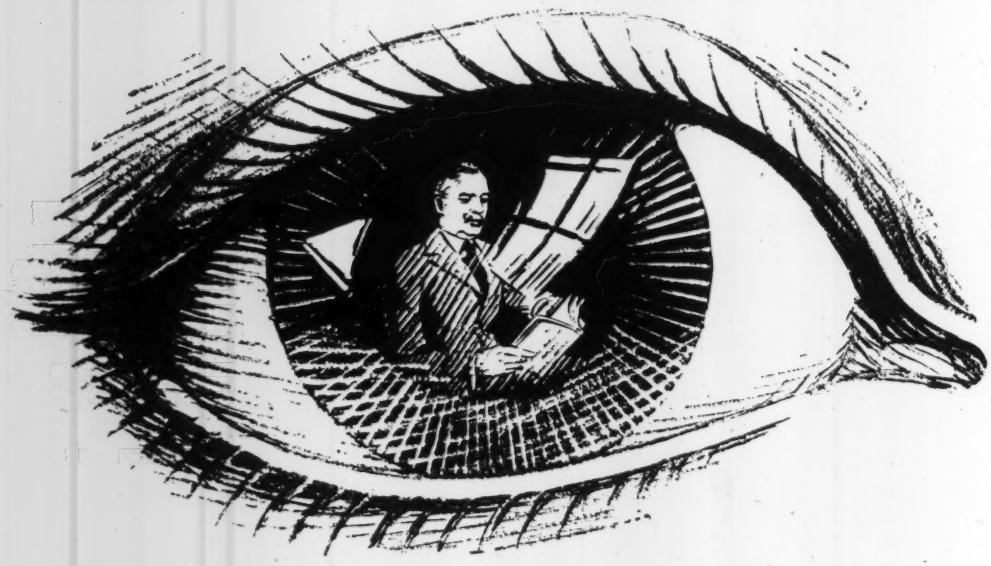

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